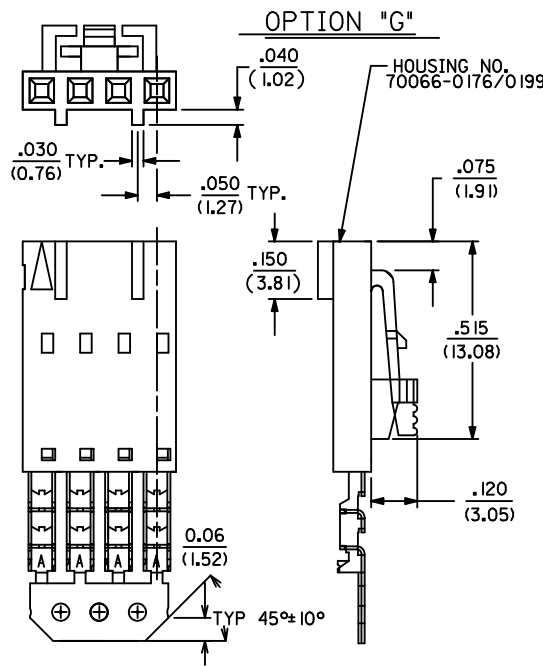
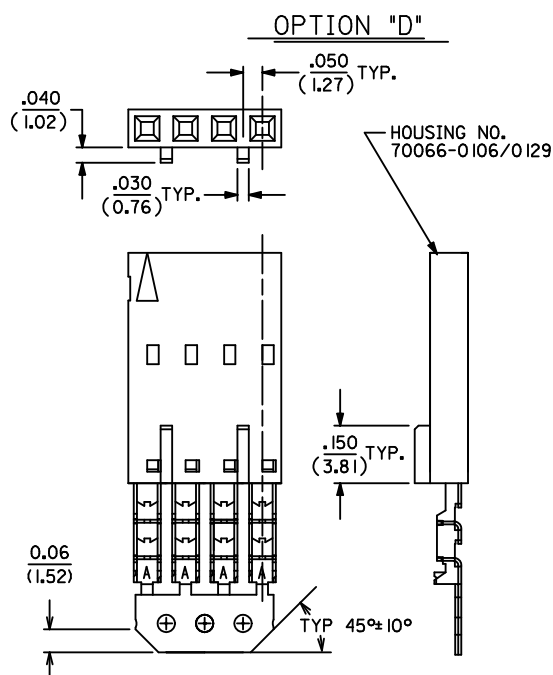
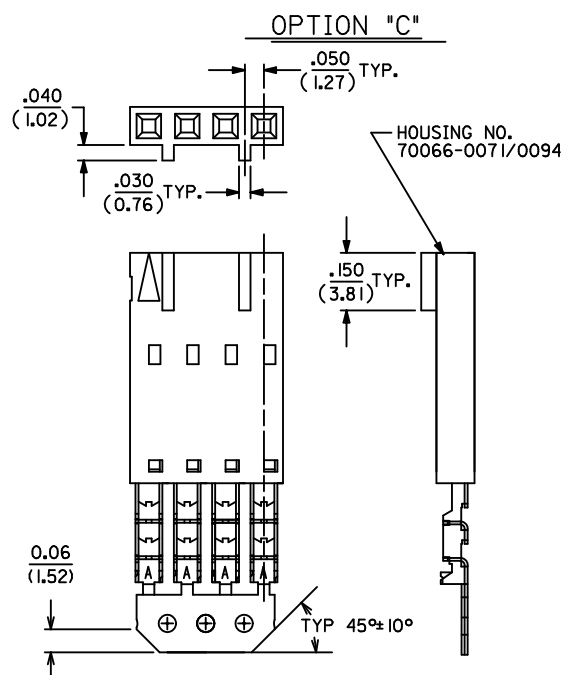
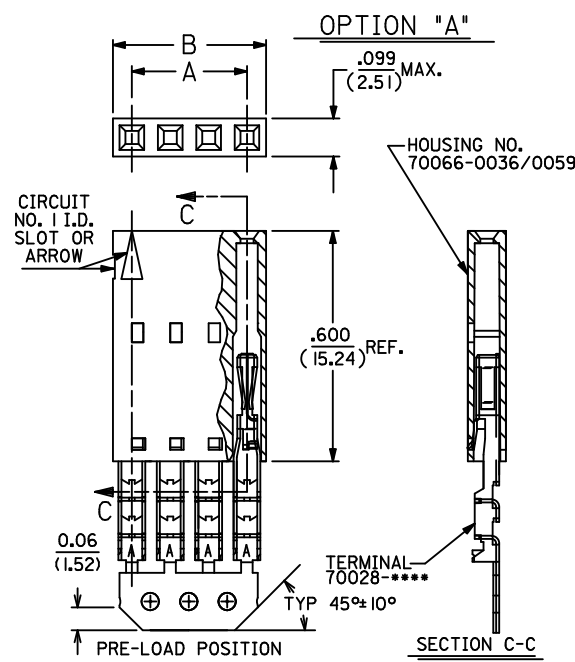




NOTES:

1. TO BE USED WITH #22-#28 AWG STRANDED WIRE WITH .053/(1.35) DIAMETER MAXIMUM INSULATION
2. SEE TABLE FOR CIRCUIT SIZES
3. FOR OPTIONS A, C, D, AND G:  
STANDARD PACKAGING PER PK-70873-0001
4. FOR APPLICATION SPECIFICATION, REFER TO SDES-70400
5. ALL DIMENSIONS ARE REFERENCE ONLY
6. REFER TO PRODUCT SPECIFICATION PS-70400
7. SEE SHEET 3 FOR OPTIONAL HOUSING DETAILS
8. 2 CIRCUIT ASSEMBLIES SUPPLIED AS GROUPED PAIRS

\* REFER TO SHEET 2 FOR PART NUMBERS, PLATINGS AND WIRE SIZE

| CKT. SIZE | DIM. A           | DIM. B (MAX.)    |
|-----------|------------------|------------------|
| 2         | (2.54)<br>.100   | (5.05)<br>.199   |
| 3         | (5.08)<br>.200   | (7.59)<br>.299   |
| 4         | (7.62)<br>.300   | (10.13)<br>.399  |
| 5         | (10.16)<br>.400  | (12.67)<br>.499  |
| 6         | (12.70)<br>.500  | (15.21)<br>.599  |
| 7         | (15.24)<br>.600  | (17.75)<br>.699  |
| 8         | (17.78)<br>.700  | (20.29)<br>.799  |
| 9         | (20.32)<br>.800  | (22.83)<br>.899  |
| 10        | (22.86)<br>.900  | (25.37)<br>.999  |
| 11        | (25.40)<br>1.000 | (27.91)<br>1.099 |
| 12        | (27.94)<br>1.100 | (30.45)<br>1.199 |
| 13        | (30.48)<br>1.200 | (32.99)<br>1.299 |
| 14        | (33.02)<br>1.300 | (35.53)<br>1.399 |
| 15        | (35.56)<br>1.400 | (38.07)<br>1.499 |
| 16        | (38.10)<br>1.500 | (40.61)<br>1.599 |
| 17        | (40.64)<br>1.600 | (43.15)<br>1.699 |
| 18        | (43.18)<br>1.700 | (45.69)<br>1.799 |
| 19        | (45.72)<br>1.800 | (48.23)<br>1.899 |
| 20        | (48.26)<br>1.900 | (50.77)<br>1.999 |
| 21        | (50.80)<br>2.000 | (53.31)<br>2.099 |
| 22        | (53.34)<br>2.100 | (55.85)<br>2.199 |
| 23        | (55.88)<br>2.200 | (58.39)<br>2.299 |
| 24        | (58.42)<br>2.300 | (60.93)<br>2.399 |
| 25        | (60.96)<br>2.400 | (63.47)<br>2.499 |

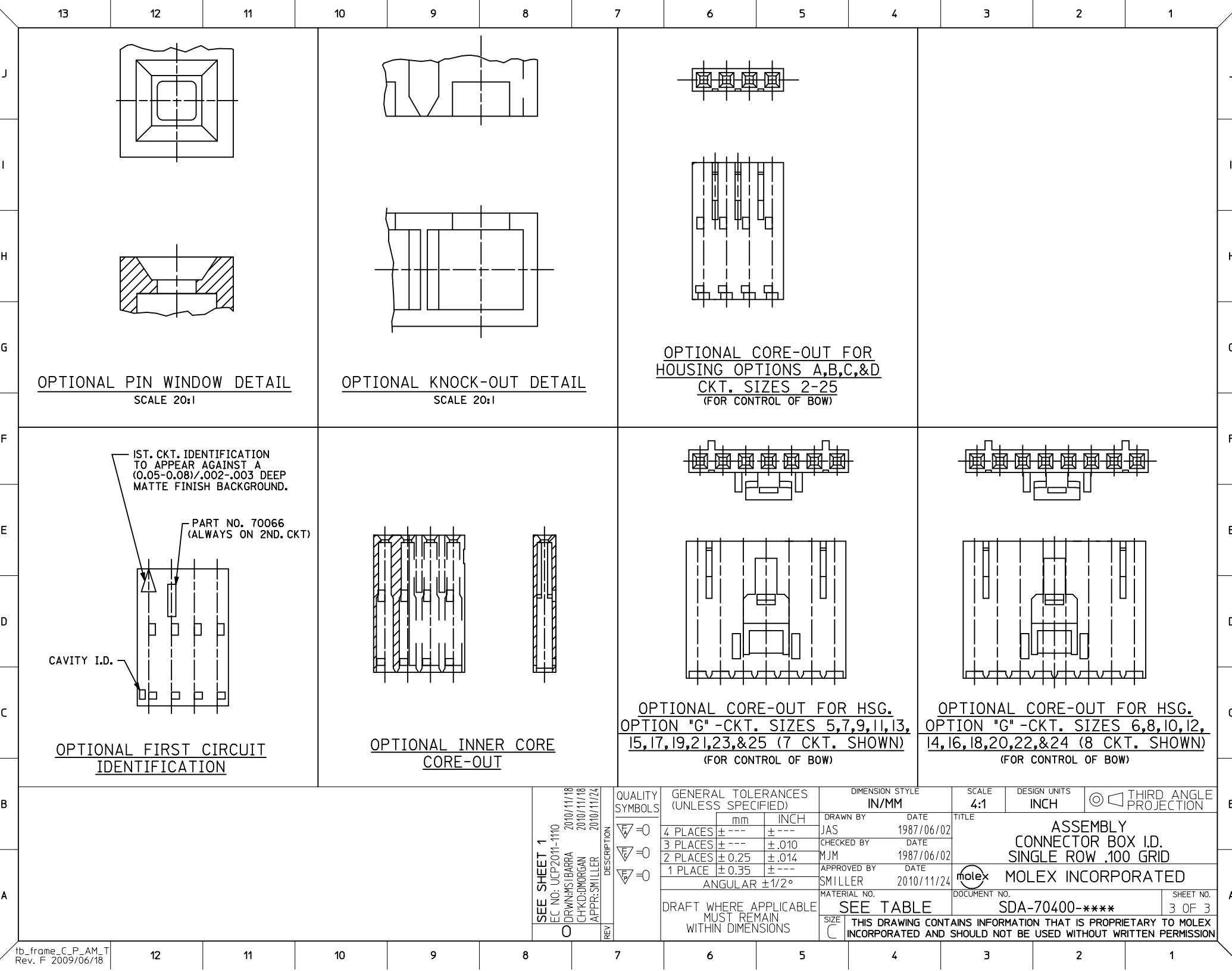
|                                                                                                                               |  |             |                                                                 |                                                      |        |                                                                                                                                      |                                        |                                |                                                                                          |                        |  |
|-------------------------------------------------------------------------------------------------------------------------------|--|-------------|-----------------------------------------------------------------|------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------|------------------------------------------------------------------------------------------|------------------------|--|
| ENG NO. TO EDP NO.<br>EC NO: UCP204-1110<br>O<br>DWGNS:BARRA 2010/11/18<br>CHKED:MORGAN 2010/11/18<br>APPR:SMILLER 2010/11/24 |  | DESCRIPTION | QUALITY SYMBOLS<br><div>F=0</div> <div>E=0</div> <div>F=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                |        | DIMENSION STYLE<br>IN/MM                                                                                                             |                                        | SCALE<br>4:1                   | DESIGN UNITS<br>INCH                                                                     | THIRD ANGLE PROJECTION |  |
|                                                                                                                               |  |             |                                                                 |                                                      | mm     | INCH                                                                                                                                 | DRAWN BY DATE<br>JAS 1987/06/02        |                                | TITLE<br>ASSEMBLY CONNECTOR BOX I.D.<br>SINGLE ROW .100 GRID<br>MOLEX MOLEX INCORPORATED |                        |  |
|                                                                                                                               |  |             |                                                                 | 4 PLACES                                             | ± ---  | ± ---                                                                                                                                | CHECKED BY DATE<br>MJM 1987/06/02      |                                |                                                                                          |                        |  |
|                                                                                                                               |  |             |                                                                 | 3 PLACES                                             | ± ---  | ± .010                                                                                                                               | APPROVED BY DATE<br>SMILLER 2010/11/24 |                                |                                                                                          |                        |  |
|                                                                                                                               |  |             |                                                                 | 2 PLACES                                             | ± 0.25 | ± .014                                                                                                                               | MATERIAL NO.                           |                                |                                                                                          |                        |  |
|                                                                                                                               |  |             | 1 PLACE                                                         | ± 0.35                                               | ± ---  |                                                                                                                                      |                                        | DOCUMENT NO.<br>SDA-70400-**** |                                                                                          | SHEET NO.<br>1 OF 3    |  |
|                                                                                                                               |  | REV         |                                                                 | ANGULAR ±1/2°                                        |        | SEE TABLE                                                                                                                            |                                        |                                |                                                                                          |                        |  |
|                                                                                                                               |  |             |                                                                 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |        | SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                        |                                |                                                                                          |                        |  |

|   |                                                   |         |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|---------------------------------------------------|---------|-----------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---|---------------------------------------------------|---------|-----------|---|---|---|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|   | 13                                                | 12      | 11        | 10 | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8       | 7         | 6 | 5                                                 |         | 4         | 3 | 2 | 1 |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | OPTION "A"                                        |         |           |    | OPTION "C"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |           |   | OPTION "D"                                        |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| J | ENG. NO.                                          | PLATING | WIRE SIZE |    | ENG. NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PLATING | WIRE SIZE |   | ENG. NO.                                          | PLATING | WIRE SIZE |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-56-6XX9                                        | TIN     | 22        |    | 14-56-7XX0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TIN     | 22        |   | 14-56-7XX1                                        | TIN     | 22        |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-60-0XX1                                        | TIN     | 24        |    | 14-60-0XX7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TIN     | 24        |   | 14-60-0XX8                                        | TIN     | 24        |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-60-0XX3                                        | TIN     | 26        |    | 14-60-0XX9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TIN     | 26        |   | 14-60-1XX0                                        | TIN     | 26        |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-60-0XX5                                        | TIN     | 28        |    | 14-60-1XX1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TIN     | 28        |   | 14-60-1XX2                                        | TIN     | 28        |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| I | 14-56-7XX4                                        | I5 GOLD | 22        |    | 14-56-7XX5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | I5 GOLD | 22        |   | 14-56-7XX6                                        | I5 GOLD | 22        |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-56-2XX1                                        | I5 GOLD | 24        |    | 14-56-3XX5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | I5 GOLD | 24        |   | 14-56-3XX4                                        | I5 GOLD | 24        |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-56-2XX3                                        | I5 GOLD | 26        |    | 14-56-3XX6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | I5 GOLD | 26        |   | 14-56-3XX7                                        | I5 GOLD | 26        |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-56-2XX5                                        | I5 GOLD | 28        |    | 14-56-3XX8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | I5 GOLD | 28        |   | 14-56-3XX9                                        | I5 GOLD | 28        |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-56-7XX9                                        | 30 GOLD | 22        |    | 14-56-8XX0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 30 GOLD | 22        |   | 14-56-8XX1                                        | 30 GOLD | 22        |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-56-2XX7                                        | 30 GOLD | 24        |    | 14-56-4XX0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 30 GOLD | 24        |   | 14-56-4XX1                                        | 30 GOLD | 24        |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-56-2XX9                                        | 30 GOLD | 26        |    | 14-56-4XX2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 30 GOLD | 26        |   | 14-56-4XX3                                        | 30 GOLD | 26        |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H | 14-56-3XX2                                        | 30 GOLD | 28        |    | 14-56-4XX4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 30 GOLD | 28        |   | 14-56-4XX5                                        | 30 GOLD | 28        |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |                                                   |         |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   | 14-60-5XX3                                        | 50 GOLD | 26        |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |                                                   |         |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |                                                   |         |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |                                                   |         |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| G | *SPECIAL NOTE:<br>XX = CIRCUIT SIZE FROM 02 TO 25 |         |           |    | *SPECIAL NOTE:<br>XX = CIRCUIT SIZE FROM 02 TO 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |           |   | *SPECIAL NOTE:<br>XX = CIRCUIT SIZE FROM 02 TO 25 |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| F | OPTION "G"                                        |         |           |    | <div>PLATING PER ES-88:</div> <div>TIN - 150 MICROINCHES/(3.81 MICROMETERS) MINIMUM TIN OVER NICKEL UNDERPLATE OVERALL</div> <div>15 GOLD - 15 MICROINCHES/(0.38 MICROMETERS) MINIMUM GOLD OVER 75 MICROINCHES/(1.91 MICROMETERS) MINIMUM TIN OVER NICKEL UNDERPLATE OVERALL</div> <div>30 GOLD - 30 MICROINCHES/(0.76 MICROMETERS) MINIMUM GOLD OVER 75 MICROINCHES/(1.91 MICROMETERS) MINIMUM TIN OVER NICKEL UNDERPLATE OVERALL</div> <div>50 GOLD - 50 MICROINCHES/(1.27 MICROMETERS) MINIMUM GOLD OVER 75 MICROINCHES/(1.91 MICROMETERS) MINIMUM TIN OVER NICKEL UNDERPLATE OVERALL</div> <div>TIN (P) - 150 MICROINCHES/(3.81 MICROMETERS) MINIMUM TIN OVER NICKEL UNDERPLATE OVERALL (PRE-PLATE)</div> <div>TIN DIP - 20 MICROINCHES/(0.51 MICROMETERS) MINIMUM HOT TIN DIP (PRE-PLATE)</div> |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | ENG. NO.                                          | PLATING | WIRE SIZE |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-56-7XX2                                        | TIN     | 22        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-60-0XX2                                        | TIN     | 24        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| E | 14-60-0XX4                                        | TIN     | 26        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-60-0XX6                                        | TIN     | 28        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-56-7XX7                                        | I5 GOLD | 22        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-56-2XX2                                        | I5 GOLD | 24        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-56-2XX4                                        | I5 GOLD | 26        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-56-2XX6                                        | I5 GOLD | 28        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| D | 14-56-8XX2                                        | 30 GOLD | 22        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-56-2XX8                                        | 30 GOLD | 24        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-56-3XX1                                        | 30 GOLD | 26        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 14-56-3XX3                                        | 30 GOLD | 28        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |                                                   |         |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |                                                   |         |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |                                                   |         |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |                                                   |         |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| C | *SPECIAL NOTE:<br>XX = CIRCUIT SIZE FROM 02 TO 25 |         |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  | <div><div>ENG NO. TO EDP NO.</div><div>EC NO: UCP2011-1110</div><div>DRWN:MSI.BARRA 2010/11/18</div><div>CHKD:J.MORGAN 2010/11/18</div><div>APPR:SMILLER 2010/11/24</div></div> <div><div>REV</div><div>DESCRIPTION</div></div> <div><div>QUALITY SYMBOLS</div><div>▽=0</div><div>▽=0</div><div>▽=0</div></div> <div><div>GENERAL TOLERANCES (UNLESS SPECIFIED)</div><div><div>mm</div><div>INCH</div></div><div><div>4 PLACES</div><div>± ---</div><div>± ---</div></div><div><div>3 PLACES</div><div>± ---</div><div>± .010</div></div><div><div>2 PLACES</div><div>± 0.25</div><div>± .014</div></div><div><div>1 PLACE</div><div>± 0.35</div><div>± ---</div></div><div><div>ANGULAR</div><div>± 1/2°</div></div><div><div>DRAFT WHERE APPLICABLE</div><div>MUST REMAIN</div><div>WITHIN DIMENSIONS</div></div></div> <div><div>DIMENSION STYLE</div><div>IN/MM</div><div><div>DRAWN BY</div><div>JAS</div></div><div><div>DATE</div><div>1987/06/02</div></div><div><div>CHECKED BY</div><div>MJM</div></div><div><div>DATE</div><div>1987/06/02</div></div><div><div>APPROVED BY</div><div>SMILLER</div></div><div><div>DATE</div><div>2010/11/24</div></div></div> <div><div>MATERIAL NO.</div><div>SEE TABLE</div></div> <div><div>DOCUMENT NO.</div><div>SDA-70400-****</div></div> <div><div>SHEET NO.</div><div>2 OF 3</div></div> <div><div>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</div></div> <div><div>ASSEMBLY</div><div>CONNECTOR BOX I.D.</div><div>SINGLE ROW .100 GRID</div><div>MOLEX INCORPORATED</div></div> <div><div>THIRD ANGLE PROJECTION</div></div> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| A |                                                   |         |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |           |   |                                                   |         |           |   |   |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

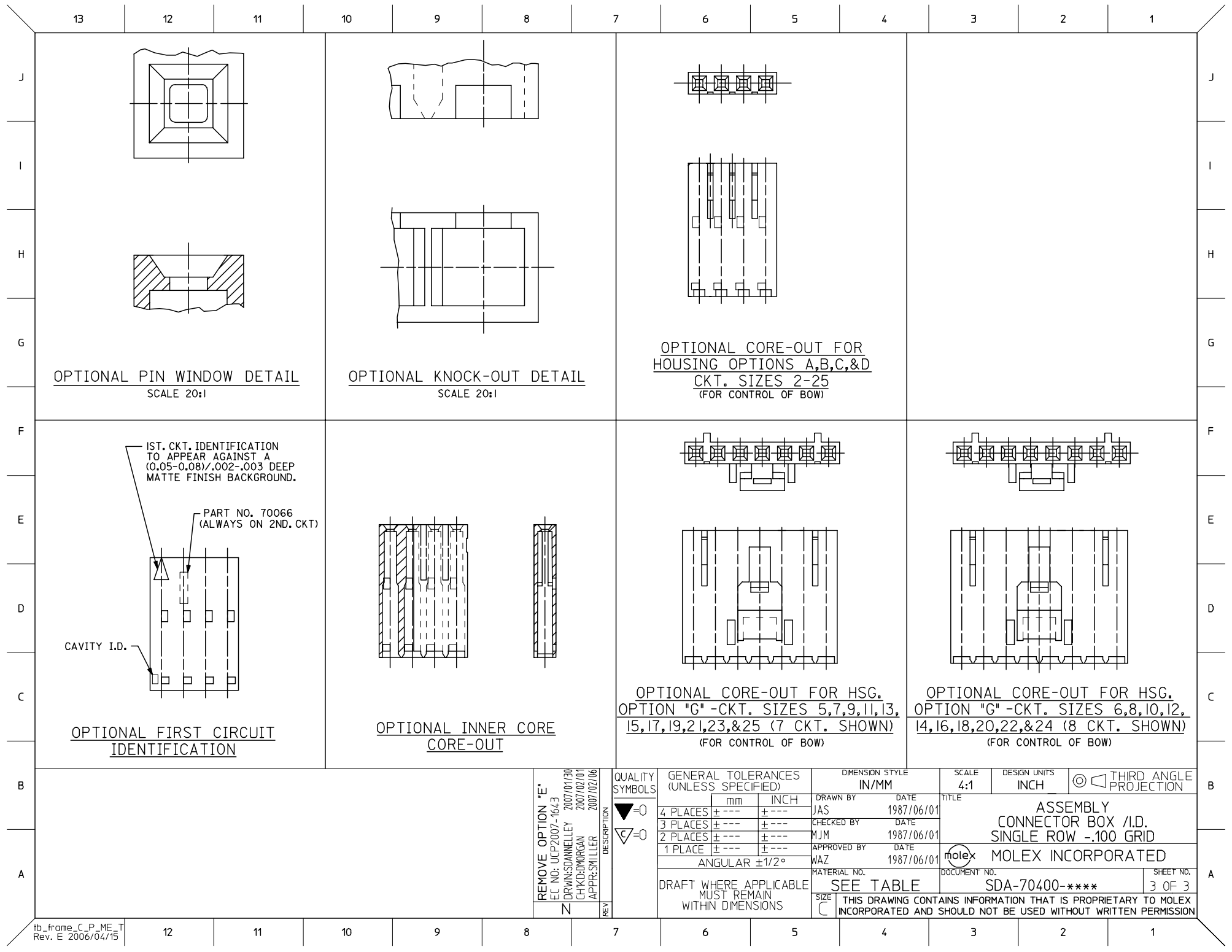
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|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------|---------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|---|-----------------------|---|---------|-----------|---|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------|--|--------------------------|--|--------------|----------------------|------------------------|-----------------------------------------------------------|--|----|------|-----------------|--------------------|-----------------------------|--|----------------|-------|-------------------|--------------------|----------------|--------|--------------------|--------------------|-----------------|--|--------|--------------|--|--------------|--|---------------------|----------------|--|-------|-----------|--|----------------|--|---------------|--|---------------------------------------------------------|--|-----------|--|----------------------------------------------------------------------------------------------------------------------------------|--|--|--|---|
|                                                                                                                               | 13                            | 12                                    | 11      | 10                                                      | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8                           | 7                    | 6                                                                                                                                | 5                                                         | 4 | 3                     | 2 | 1       |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | OPTION "A"                    |                                       |         |                                                         | OPTION "C"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                             |                      |                                                                                                                                  | OPTION "D"                                                |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
| J                                                                                                                             | ENG. NO.                      |                                       | PLATING | WIRE SIZE                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ENG. NO.                    |                      | PLATING                                                                                                                          | WIRE SIZE                                                 |   | ENG. NO.              |   | PLATING | WIRE SIZE | J |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-3000-3023             |                                       | TIN     | 22                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A-70400-3035-3058           |                      | TIN                                                                                                                              | 22                                                        |   | A-70400-3070-3093     |   | TIN     | 22        |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-0001-0024             |                                       | TIN     | 24                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A-70400-0036-0059           |                      | TIN                                                                                                                              | 24                                                        |   | A-70400-0071-0094     |   | TIN     | 24        |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-0176-0199             |                                       | TIN     | 26                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A-70400-0211-0234           |                      | TIN                                                                                                                              | 26                                                        |   | A-70400-0246-0269     |   | TIN     | 26        |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-0351-0374             |                                       | TIN     | 28                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A-70400-0386-0409           |                      | TIN                                                                                                                              | 28                                                        |   | A-70400-0421-0444     |   | TIN     | 28        |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-3175-3198             |                                       | 15 GOLD | 22                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A-70400-3210-3233           |                      | 15 GOLD                                                                                                                          | 22                                                        |   | A-70400-3245-3268     |   | 15 GOLD | 22        |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
| I                                                                                                                             | A-70400-0526-0549             |                                       | 15 GOLD | 24                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A-70400-0561-0584           |                      | 15 GOLD                                                                                                                          | 24                                                        |   | A-70400-050 GOLD-0619 |   | 15 GOLD | 24        | I |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-0701-0724             |                                       | 15 GOLD | 26                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A-70400-0736-0759           |                      | 15 GOLD                                                                                                                          | 26                                                        |   | A-70400-0771-0794     |   | 15 GOLD | 26        |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-0876-0899             |                                       | 15 GOLD | 28                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A-70400-0911-0934           |                      | 15 GOLD                                                                                                                          | 28                                                        |   | A-70400-0946-0969     |   | 15 GOLD | 28        |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-3350-3373             |                                       | 30 GOLD | 22                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A-70400-3385-3408           |                      | 30 GOLD                                                                                                                          | 22                                                        |   | A-70400-3420-3443     |   | 30 GOLD | 22        |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-1051-1074             |                                       | 30 GOLD | 24                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A-70400-1086-1109           |                      | 30 GOLD                                                                                                                          | 24                                                        |   | A-70400-1121-1144     |   | 30 GOLD | 24        |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-1226-1249             |                                       | 30 GOLD | 26                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A-70400-1261-1284           |                      | 30 GOLD                                                                                                                          | 26                                                        |   | A-70400-1296-1319     |   | 30 GOLD | 26        |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
| H                                                                                                                             | A-70400-1401-1424             |                                       | 30 GOLD | 28                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A-70400-1436-1459           |                      | 30 GOLD                                                                                                                          | 28                                                        |   | A-70400-1471-1494     |   | 30 GOLD | 28        | H |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               |                               |                                       |         |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   | A-70400-4050-4073     |   | 50 GOLD | 26        |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               |                               |                                       |         |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
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|                                                                                                                               |                               |                                       |         |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
| G                                                                                                                             |                               |                                       |         |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         | G         |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
| F                                                                                                                             | OPTION "G"                    |                                       |         |                                                         | <p><b>PLATING PER ES-88:</b></p> <p>TIN - .000150 MINIMUM TIN OVER<br/>.000050 MINIMUM NICKEL PLATE.</p> <p>15 GOLD - .000015 MINIMUM GOLD PLATE IN SELECT AREA,<br/>.000075 MINIMUM TIN PLATE IN SELECT AREA,<br/>.000050 MINIMUM NICKEL PLATE OVERALL.</p> <p>30 GOLD - .000030 MINIMUM GOLD PLATE IN SELECT AREA,<br/>.000075 MINIMUM TIN PLATE IN SELECT AREA,<br/>.000050 MINIMUM NICKEL PLATE OVERALL.</p> <p>50 GOLD - .000050 MINIMUM GOLD PLATE IN SELECT AREA,<br/>.000075 MINIMUM TIN PLATE IN SELECT AREA,<br/>.000050 MINIMUM NICKEL PLATE OVERALL.</p> <p>TIN (P) - .000150 MINIMUM TIN OVER<br/>.000050 MINIMUM NICKEL PLATE. (PRE-PLATE)</p> <p>TIN DIP - .000020 MINIMUM HOT TIN DIP. (PRE-PLATE)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   | F                                                                                                                             |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
| E                                                                                                                             | ENG. NO.                      |                                       | PLATING | WIRE SIZE                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   | E                                                                                                                             |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-3140-3163             |                                       | TIN     | 22                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-0141-011N             |                                       | TIN     | 24                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-0316-0339             |                                       | TIN     | 26                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-0491-0514             |                                       | TIN     | 28                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-2976-2999             |                                       | 15 GOLD | 22                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-0666-0689             |                                       | 15 GOLD | 24                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-0841-0864             |                                       | 15 GOLD | 26                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-1016-1039             |                                       | 15 GOLD | 28                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-3490-3513             |                                       | 30 GOLD | 22                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
| D                                                                                                                             | A-70400-1191-1214             |                                       | 30 GOLD | 24                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   | D                                                                                                                             |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-1366-1389             |                                       | 30 GOLD | 26                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               | A-70400-1541-1564             |                                       | 30 GOLD | 28                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               |                               |                                       |         |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               |                               |                                       |         |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               |                               |                                       |         |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
| C                                                                                                                             |                               |                                       |         |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           | C |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
| B                                                                                                                             |                               |                                       |         |                                                         | <table><tr><td rowspan="7">REMOVE OPTION "E"<br/>EC NO: UCP2007-1643<br/>DRAWN: DANIELLEY 2007/01/30<br/>CHKD: JORGAN 2007/02/01<br/>APPR: MILLER 2007/02/06</td><td rowspan="7">QUALITY SYMBOLS<br/>▽=0<br/>▽=0</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE<br/>IN/MM</td><td>SCALE<br/>4:1</td><td>DESIGN UNITS<br/>INCH</td><td rowspan="4"> THIRD ANGLE PROJECTION</td><td colspan="2" rowspan="4">ASSEMBLY<br/>CONNECTOR BOX /I.D.<br/>SINGLE ROW - .100 GRID</td></tr><tr><td>mm</td><td>INCH</td><td>DRAWN BY<br/>JAS</td><td>DATE<br/>1987/11/28</td><td colspan="2" rowspan="3">TITLE<br/>MOLEX INCORPORATED</td></tr><tr><td>4 PLACES ± ---</td><td>± ---</td><td>CHECKED BY<br/>MJM</td><td>DATE<br/>1987/11/28</td></tr><tr><td>3 PLACES ± ---</td><td>± .010</td><td>APPROVED BY<br/>WAZ</td><td>DATE<br/>1987/11/28</td></tr><tr><td colspan="2">2 PLACES ± 0.25</td><td>± .014</td><td colspan="2">MATERIAL NO.</td><td colspan="2">DOCUMENT NO.</td><td rowspan="2">SHEET NO.<br/>2 OF 3</td></tr><tr><td colspan="2">1 PLACE ± 0.35</td><td>± ---</td><td colspan="2">SEE TABLE</td><td colspan="2">SDA-70400-****</td></tr><tr><td colspan="2">ANGULAR ±1/2°</td><td colspan="2">DRAFT WHERE APPLICABLE<br/>MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">SIZE<br/>C</td><td colspan="2">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br/>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td><td colspan="2"></td></tr></table> |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   | REMOVE OPTION "E"<br>EC NO: UCP2007-1643<br>DRAWN: DANIELLEY 2007/01/30<br>CHKD: JORGAN 2007/02/01<br>APPR: MILLER 2007/02/06 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE<br>IN/MM |  | SCALE<br>4:1 | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION | ASSEMBLY<br>CONNECTOR BOX /I.D.<br>SINGLE ROW - .100 GRID |  | mm | INCH | DRAWN BY<br>JAS | DATE<br>1987/11/28 | TITLE<br>MOLEX INCORPORATED |  | 4 PLACES ± --- | ± --- | CHECKED BY<br>MJM | DATE<br>1987/11/28 | 3 PLACES ± --- | ± .010 | APPROVED BY<br>WAZ | DATE<br>1987/11/28 | 2 PLACES ± 0.25 |  | ± .014 | MATERIAL NO. |  | DOCUMENT NO. |  | SHEET NO.<br>2 OF 3 | 1 PLACE ± 0.35 |  | ± --- | SEE TABLE |  | SDA-70400-**** |  | ANGULAR ±1/2° |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |  | SIZE<br>C |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |  |  | B |
| REMOVE OPTION "E"<br>EC NO: UCP2007-1643<br>DRAWN: DANIELLEY 2007/01/30<br>CHKD: JORGAN 2007/02/01<br>APPR: MILLER 2007/02/06 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |         | DIMENSION STYLE<br>IN/MM                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SCALE<br>4:1                | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION                                                                                                           | ASSEMBLY<br>CONNECTOR BOX /I.D.<br>SINGLE ROW - .100 GRID |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               |                               | mm                                    | INCH    | DRAWN BY<br>JAS                                         | DATE<br>1987/11/28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TITLE<br>MOLEX INCORPORATED |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               |                               | 4 PLACES ± ---                        | ± ---   | CHECKED BY<br>MJM                                       | DATE<br>1987/11/28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               |                               | 3 PLACES ± ---                        | ± .010  | APPROVED BY<br>WAZ                                      | DATE<br>1987/11/28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               |                               | 2 PLACES ± 0.25                       |         | ± .014                                                  | MATERIAL NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             | DOCUMENT NO.         |                                                                                                                                  | SHEET NO.<br>2 OF 3                                       |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               |                               | 1 PLACE ± 0.35                        |         | ± ---                                                   | SEE TABLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                             | SDA-70400-****       |                                                                                                                                  |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
|                                                                                                                               |                               | ANGULAR ±1/2°                         |         | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SIZE<br>C                   |                      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                           |   |                       |   |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
| A                                                                                                                             |                               |                                       |         |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                                                                                                                                  |                                                           |   |                       |   |         |           |   | A                                                                                                                             |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |
| tb_frame_C_P_ME_T<br>Rev. E 2006/04/15                                                                                        | 12                            | 11                                    | 10      | 9                                                       | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 7                           | 6                    | 5                                                                                                                                | 4                                                         | 3 | 2                     | 1 |         |           |   |                                                                                                                               |                               |                                       |  |                          |  |              |                      |                        |                                                           |  |    |      |                 |                    |                             |  |                |       |                   |                    |                |        |                    |                    |                 |  |        |              |  |              |  |                     |                |  |       |           |  |                |  |               |  |                                                         |  |           |  |                                                                                                                                  |  |  |  |   |



OPTIONAL PIN WINDOW DETAIL  
SCALE 20:1

OPTIONAL KNOCK-OUT DETAIL  
SCALE 20:1

OPTIONAL CORE-OUT FOR  
HOUSING OPTIONS A,B,C,&D  
CKT. SIZES 2-25  
(FOR CONTROL OF BOW)

OPTIONAL FIRST CIRCUIT  
IDENTIFICATION

OPTIONAL INNER CORE  
CORE-OUT

OPTIONAL CORE-OUT FOR HSG.  
OPTION "G" -CKT. SIZES 5,7,9,11,13,  
15,17,19,21,23,&25 (7 CKT. SHOWN)  
(FOR CONTROL OF BOW)

OPTIONAL CORE-OUT FOR HSG.  
OPTION "G" -CKT. SIZES 6,8,10,12,  
14,16,18,20,22,&24 (8 CKT. SHOWN)  
(FOR CONTROL OF BOW)

REMOVE OPTION "E"  
EC NO: UCP2007-1643  
DRAWN: DANIELLEY 2007/01/30  
CHKD: JORGAN 2007/02/01  
APPR: MILLER 2007/02/06  
REV N

QUALITY  
SYMBOLS  
=0  
=0

| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |       |
|------------------------------------------------------------|-------|
| mm                                                         | INCH  |
| 4 PLACES ± ---                                             | ± --- |
| 3 PLACES ± ---                                             | ± --- |
| 2 PLACES ± ---                                             | ± --- |
| 1 PLACE ± ---                                              | ± --- |
| ANGULAR ±1/2°                                              |       |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       |

| DIMENSION STYLE<br>IN/MM |            |
|--------------------------|------------|
| DRAWN BY                 | DATE       |
| JAS                      | 1987/06/01 |
| CHECKED BY               | DATE       |
| MJM                      | 1987/06/01 |
| APPROVED BY              | DATE       |
| WAZ                      | 1987/06/01 |
| MATERIAL NO.             |            |
| SEE TABLE                |            |

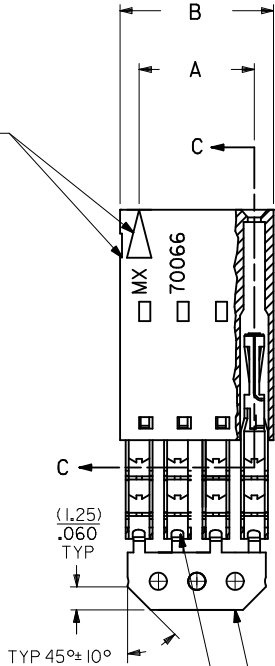
|                                                                   |                      |                           |
|-------------------------------------------------------------------|----------------------|---------------------------|
| SCALE<br>4:1                                                      | DESIGN UNITS<br>INCH | THIRD ANGLE<br>PROJECTION |
| TITLE<br>ASSEMBLY<br>CONNECTOR BOX /I.D.<br>SINGLE ROW -.100 GRID |                      |                           |
| moLEX MOLEX INCORPORATED                                          |                      |                           |
| DOCUMENT NO.<br>SDA-70400-****                                    |                      | SHEET NO.<br>3 OF 3       |

# OPTION A



- NOTES:
1. MATERIAL:  
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94 V-0;  
COLOR: BLACK  
TERMINAL: PHOSPHOR BRONZE
  2. FINISH:  
TIN: 3.81 MICROMETERS/150 MICROINCHES MINIMUM TIN  
OVER NICKEL UNDERPLATE OVERALL
  3. TO BE USED WITH 22 AWG STRANDED WIRE WITH (1.35)/.053  
DIAMETER MAXIMUM INSULATION
  4. SEE TABLE FOR AVAILABLE CIRCUIT SIZES
  5. STANDARD PACKAGING PER PK-70873-0001. OPTIONAL PACKAGING  
MAY BE AVAILABLE, REQUEST DRAWING PK-70400
  6. PARTS STACKABLE END TO END ON (2.54)/.100 CENTERS
  7. PRODUCT SPECIFICATION: PS-70400
  8. SEE DRAWING SDA-70400-\*\*\*\* (SHEET 3) FOR OPTIONAL  
HOUSING DETAILS
  9. 4 CIRCUIT SHOWN
  10. TO MATE WITH MOLEX 2.54/.100 CENTERLINE HEADERS
  11. 2 CIRCUIT ASSEMBLIES SUPPLIED AS GROUPED PAIRS

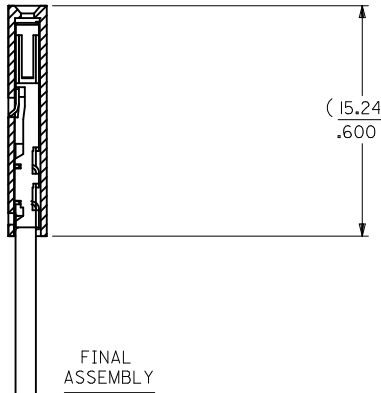
CIRCUIT NO. 1  
SLOT OR ARROW



## SECTION C-C



PRE-LOADED  
ASSEMBLY



FINAL  
ASSEMBLY

WIRE (SEE NOTE 3)

| I.D. SLOT CODE TO WIRE GAUGE CHART |            |
|------------------------------------|------------|
| I.D. SLOT CODE                     | WIRE GAUGE |
| D                                  | 22 AWG.    |

| PLATING CODE (STRIPE ON CARRIER STRIP) |       |
|----------------------------------------|-------|
| PLATING                                | COLOR |
| TIN                                    | NONE  |

|                                                                                                                           |                                                            |                                                  |                                       |        |                          |                        |                                                                                                                               |                                                                 |                                                                                                              |                     |
|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------|---------------------------------------|--------|--------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------|
| REMOVE ENG NO.<br>EC NO: UCP2011-110<br>TDRWN:MSI BARRA 2010/10/19<br>CHKD:J MORGAN 2010/10/19<br>APPR:SMILLER 2010/11/24 | DESCRIPTION                                                | QUALITY SYMBOLS<br><br>▽=0<br><br>▽=0<br><br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>MM/IN |                        | SCALE                                                                                                                         | DESIGN UNITS<br>INCH                                            |  THIRD ANGLE PROJECTION |                     |
|                                                                                                                           |                                                            |                                                  |                                       | mm     | INCH                     | DRAWN BY<br>MSI BARRA  | DATE<br>2010/10/20                                                                                                            | TITLE<br>ASSEMBLY, SL CONNECTOR<br>SINGLE ROW<br>2.54/.100 GRID | DOCUMENT NO.<br>SDA-70400-3000-3023                                                                          | SHEET NO.<br>1 OF 1 |
|                                                                                                                           |                                                            |                                                  | 4 PLACES                              | ± ---  | ± ---                    | CHECKED BY<br>WAZ      | DATE<br>1987/10/26                                                                                                            |                                                                 |                                                                                                              |                     |
|                                                                                                                           |                                                            |                                                  | 3 PLACES                              | ± ---  | ± .010                   | APPROVED BY<br>SMILLER | DATE<br>2010/11/24                                                                                                            |                                                                 |                                                                                                              |                     |
|                                                                                                                           |                                                            |                                                  | 2 PLACES                              | ± 0.25 | ± .014                   | SEE TABLE              |                                                                                                                               |                                                                 |                                                                                                              |                     |
|                                                                                                                           | 1 PLACE                                                    |                                                  | ± 0.35                                | ± ---  | ANGULAR ±1/2°            |                        | MOLEX MOLEX INCORPORATED                                                                                                      |                                                                 |                                                                                                              |                     |
|                                                                                                                           | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                  |                                       |        | MATERIAL NO.             |                        |                                                                                                                               |                                                                 |                                                                                                              |                     |
|                                                                                                                           |                                                            |                                                  |                                       |        | SIZE<br>C                |                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                 |                                                                                                              |                     |
|                                                                                                                           | REV                                                        |                                                  |                                       |        |                          |                        |                                                                                                                               |                                                                 |                                                                                                              |                     |

| CKT.<br>SIZE | A                  | B                  | EDP. NO.   |
|--------------|--------------------|--------------------|------------|
| 2            | ( 2.54 )<br>.100   | ( 5.05 )<br>.199   | 14-56-6029 |
| 3            | ( 5.08 )<br>.200   | ( 7.59 )<br>.299   | 14-56-6039 |
| 4            | ( 7.62 )<br>.300   | ( 10.13 )<br>.399  | 14-56-6049 |
| 5            | ( 10.16 )<br>.400  | ( 12.67 )<br>.499  | 14-56-6059 |
| 6            | ( 12.70 )<br>.500  | ( 15.21 )<br>.599  | 14-56-6069 |
| 7            | ( 15.24 )<br>.600  | ( 17.75 )<br>.699  | 14-56-6079 |
| 8            | ( 17.78 )<br>.700  | ( 20.29 )<br>.799  | 14-56-6089 |
| 9            | ( 20.32 )<br>.800  | ( 22.83 )<br>.899  | 14-56-6099 |
| 10           | ( 22.86 )<br>.900  | ( 25.37 )<br>.999  | 14-56-6109 |
| 11           | ( 25.54 )<br>1.000 | ( 27.91 )<br>1.099 | 14-56-6119 |
| 12           | ( 27.94 )<br>1.100 | ( 30.45 )<br>1.199 | 14-56-6129 |
| 13           | ( 30.48 )<br>1.200 | ( 32.99 )<br>1.299 | 14-56-6139 |
| 14           | ( 33.02 )<br>1.300 | ( 35.53 )<br>1.399 | 14-56-6149 |
| 15           | ( 35.56 )<br>1.400 | ( 38.07 )<br>1.499 | 14-56-6159 |
| 16           | ( 38.01 )<br>1.500 | ( 40.61 )<br>1.599 | 14-56-6169 |
| 17           | ( 40.64 )<br>1.600 | ( 43.15 )<br>1.699 | 14-56-6179 |
| 18           | ( 43.18 )<br>1.700 | ( 45.69 )<br>1.799 | 14-56-6189 |
| 19           | ( 45.72 )<br>1.800 | ( 48.23 )<br>1.899 | 14-56-6199 |
| 20           | ( 48.26 )<br>1.900 | ( 50.77 )<br>1.999 | 14-56-6209 |
| 21           | ( 50.80 )<br>2.000 | ( 53.31 )<br>2.099 | 14-56-6219 |
| 22           | ( 53.34 )<br>2.100 | ( 55.85 )<br>2.199 | 14-56-6229 |
| 23           | ( 55.88 )<br>2.200 | ( 58.39 )<br>2.299 | 14-56-6239 |
| 24           | ( 58.42 )<br>2.300 | ( 60.93 )<br>2.399 | 14-56-6249 |
| 25           | ( 60.96 )<br>2.400 | ( 63.47 )<br>2.499 | 14-56-6259 |