









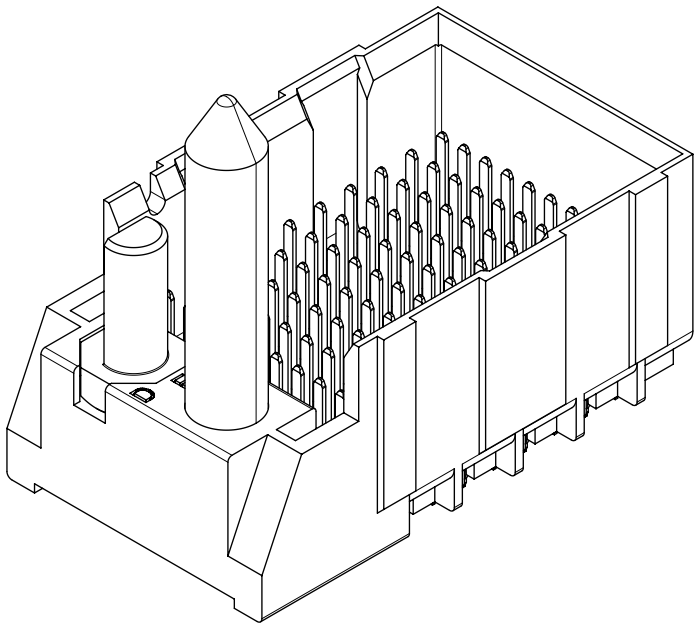


- NOTES:
- MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)  
GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
  - FINISH: 30µ MIN GOLD IN CONTACT AREA.  
SELECTIVE TIN ON PCB TAILS.  
NICKEL OVERALL.
  - REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999  
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF  
MOLEX COSMETIC SPEC PS-45499-002.
  - PACKAGE PER: PK-70873-758.
  - SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
  - FOR GROUNDED GUIDE PINS USE DIA. 3.56 +/-0.08 (PTH)  
DIA. 3.66 (DRILL) AND DIA 6.5 (PAD).
  - MATES WITH IMPACT DC SERIES NO. 76170.
  - KEEP OUT ZONE FOR BP HOUSING LENGTH INCLUDES AN ADDITIONAL 1.0MM  
TO ACCOMMODATE FOR SPACE REQUIRED BY DC FRONT HOUSING.
  - REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
  - CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
  - "THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR INSERTION AND  
REPAIR ON THE PC BOARD. THIS IS REFERRED TO AS THE "CONNECTOR KEEP OUT ZONE" AND  
DOES NOT REPRESENT THE ACTUAL PERIMETER OF THE CONNECTOR. WHEN LAYING OUT A PC BOARD  
FOR CONNECTORS STACKED TOGETHER, USE A 1.9mm PROGRESSION."

| QUALITY SYMBOLS   |                | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |            |                                       |                 |  |       |              |   |   |                |              |  |  |
|---|----------------|---|------------|---------------------------------------|-----------------|--|-------|--------------|---|---|----------------|--------------|--|--|
| <div> = 0</div> <div> = 0</div> <div> = 0</div> <div> = 0</div> <div> = 0</div> <div> = 0</div> <div> = 0</div> <div> = 0</div> | MIGRATED TO NX | EC NO: 123283<br>DRWN: KUCHILA<br>CHKD: KUCHILA<br>APPR: PRAMASWAMY   | 2017/10/13 | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION UNITS |  | SCALE |              | <div></div> <div>IMPACT BP 3 PAIR<br/>LEFT GUIDED ASSEMBLY SALES DRAWING</div> |   |                |              |  |  |
|   |                |   | 2017/10/13 |                                       | mm              |  | 4:1   |              |   |   |                |              |  |  |
|   |                |   | 2017/10/18 |                                       | DRWN BY         |  | DATE  |              |   |   |                |              |  |  |
|   |                |   |            |                                       |                 | ANGULAR TOL ± 0.5 °  |       | JBINGHAM     |   | 2013/08/25  |                |              |  |  |
|   |                |   |            |                                       |                 | 4 PLACES ±   |       | CHK'D BY     |   | DATE  |                |              |  |  |
|   |                |   |            |                                       |                 | 3 PLACES ±   |       | JLAURX       |   | 2013/08/25  |                |              |  |  |
|   |                |   |            |                                       |                 | 2 PLACES ± 0.13  |       | APPR BY      |   | DATE  |                |              |  |  |
|   |                |   |            |                                       |                 | 1 PLACE ± 0.25   |       | JLAURX       |   | 2013/09/25  |                |              |  |  |
|   |                |   |            |                                       |                 | 0 PLACES ±   |       | DRAWING SIZE |   | THIRD ANGLE PROJECTION  |                |              |  |  |
|   |                |   |            |                                       |                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       | D            |   |  |                |              |  |  |
|   |                | H3  |            | REV                                   |                 |  | 76165 |              | SEE TABLE   |   | GENERAL MARKET |              |  |  |
|   |                |   |            |                                       |                 | DOCUMENT NUMBER  |       | DOC TYPE     |   | DOC PART  |                | SHEET NUMBER |  |  |
|   |                |   |            |                                       |                 | SD-76165-002   |       | PSD          |   | 001   |                | 1 OF 3       |  |  |

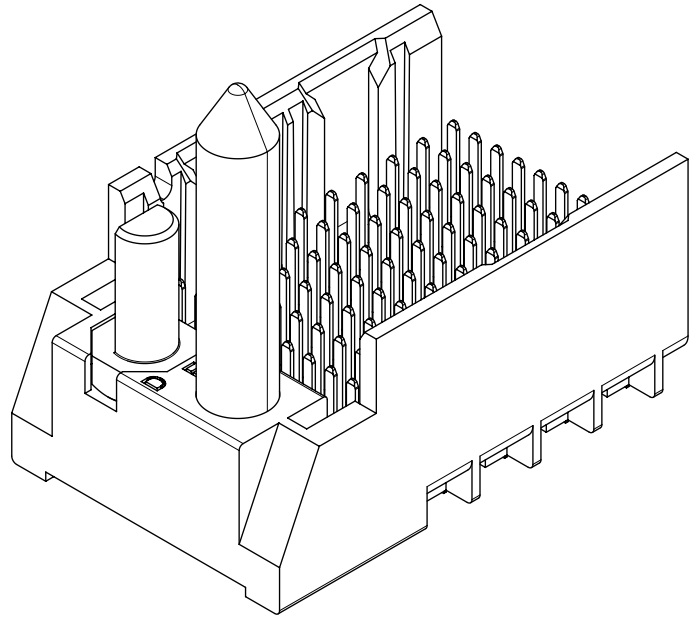
PART NUMBER CHART

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | GUIDE LEFT<br>END WALL<br>OPTION |
|-----------------|--------------|----------------|---------|---------|----------------------------------|
| 76165-*3**      | 6            | 18             | 19.3    | 9.50    |                                  |
| 76165-*8**      | 8            | 24             | 23.1    | 13.30   |                                  |
| 76165-*1**      | 10           | 30             | 26.9    | 17.10   |                                  |
| 76165-*6**      | 16           | 48             | 38.3    | 28.50   |                                  |



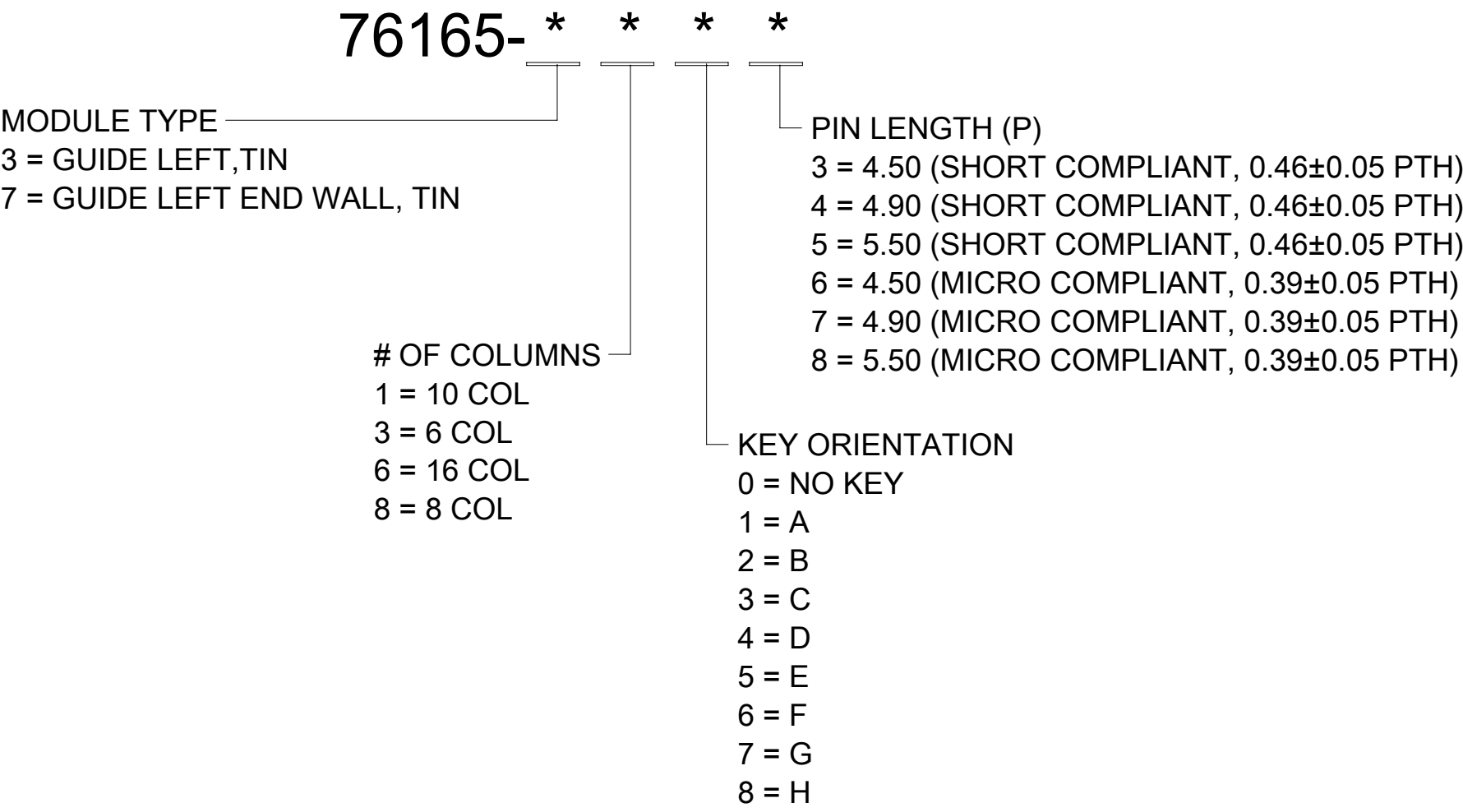
GUIDE LEFT  
END WALL  
OPTION















| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | GUIDE LEFT<br>OPEN WALL<br>OPTION |
|-----------------|--------------|----------------|---------|---------|-----------------------------------|
| 76165-*3**      | 6            | 18             | 17.9    | 9.50    |                                   |
| 76165-*8**      | 8            | 24             | 21.7    | 13.30   |                                   |
| 76165-*1**      | 10           | 30             | 25.5    | 17.10   |                                   |
| 76165-*6**      | 16           | 48             | 36.9    | 28.50   |                                   |



GUIDE LEFT  
OPEN WALL  
OPTION

PART NUMBER LOGIC



| QUALITY SYMBOLS   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |   |  |                 |                 |   |          |   |                 |  |                |  |
|---|---|--|---|--|-----------------|-----------------|---|----------|---|-----------------|--|----------------|--|
|  = 0 | MIGRATED TO NX<br>EC NO: 123283<br>DRWN: KUCHILA<br>CHKD: KUCHILA<br>APP: PRAMASWAMY  | 2017/10/13<br>2017/10/13<br>2017/10/18 | GENERAL TOLERANCES (UNLESS SPECIFIED)                   |  | DIMENSION UNITS |                 | SCALE   |          |  |                 |  |                |  |
|  = 0 |   |  |   |  | mm              |                 | 3:1   |          |   |                 |  |                |  |
|  = 0 |   |  | ANGULAR TOL ± 0.5 °                                     |  | DRWN BY         |                 | DATE  |          | IMPACT BP 3 PAIR<br>LEFT GUIDED ASSEMBLY SALES DRAWING                                |                 |  |                |  |
|  = 0 |   |  | 4 PLACES ±  |  | JBINGHAM        |                 | 2013/08/25  |          |   |                 |  |                |  |
|  = 0 |   |  | 3 PLACES ±  |  | CHK'D BY        |                 | DATE  |          |   |                 |  |                |  |
|  = 0 |   |  | 2 PLACES ± 0.13   |  | JLAURX          |                 | 2013/08/25  |          |   |                 |  |                |  |
|  = 0 |   |  | 1 PLACE ± 0.25  |  | APPR BY         |                 | DATE  |          | PRODUCT CUSTOMER DRAWING  |                 |  |                |  |
|  = 0 |   |  | 0 PLACES ±  |  | JLAURX          |                 | 2013/09/25  |          |   |                 |  |                |  |
|  = 0 |   |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |  | DRAWING SIZE    |                 | THIRD ANGLE PROJECTION  |          | SERIES  | MATERIAL NUMBER |  | CUSTOMER       |  |
|  = 0 |   |  |   |  | C               |                 |  |          | 76165   | SEE TABLE       |  | GENERAL MARKET |  |
|  = 0 | RELEASE STATUS P1 RELEASE DATE 18.10.2017 06:14:16  |  |   |  |                 | DOCUMENT NUMBER |   | DOC TYPE | DOC PART  | SHEET NUMBER    |  |                |  |
|  = 0 |   |  |   |  |                 | SD-76165-002    |   | PSD      | 001   | 2 OF 3          |  |                |  |

