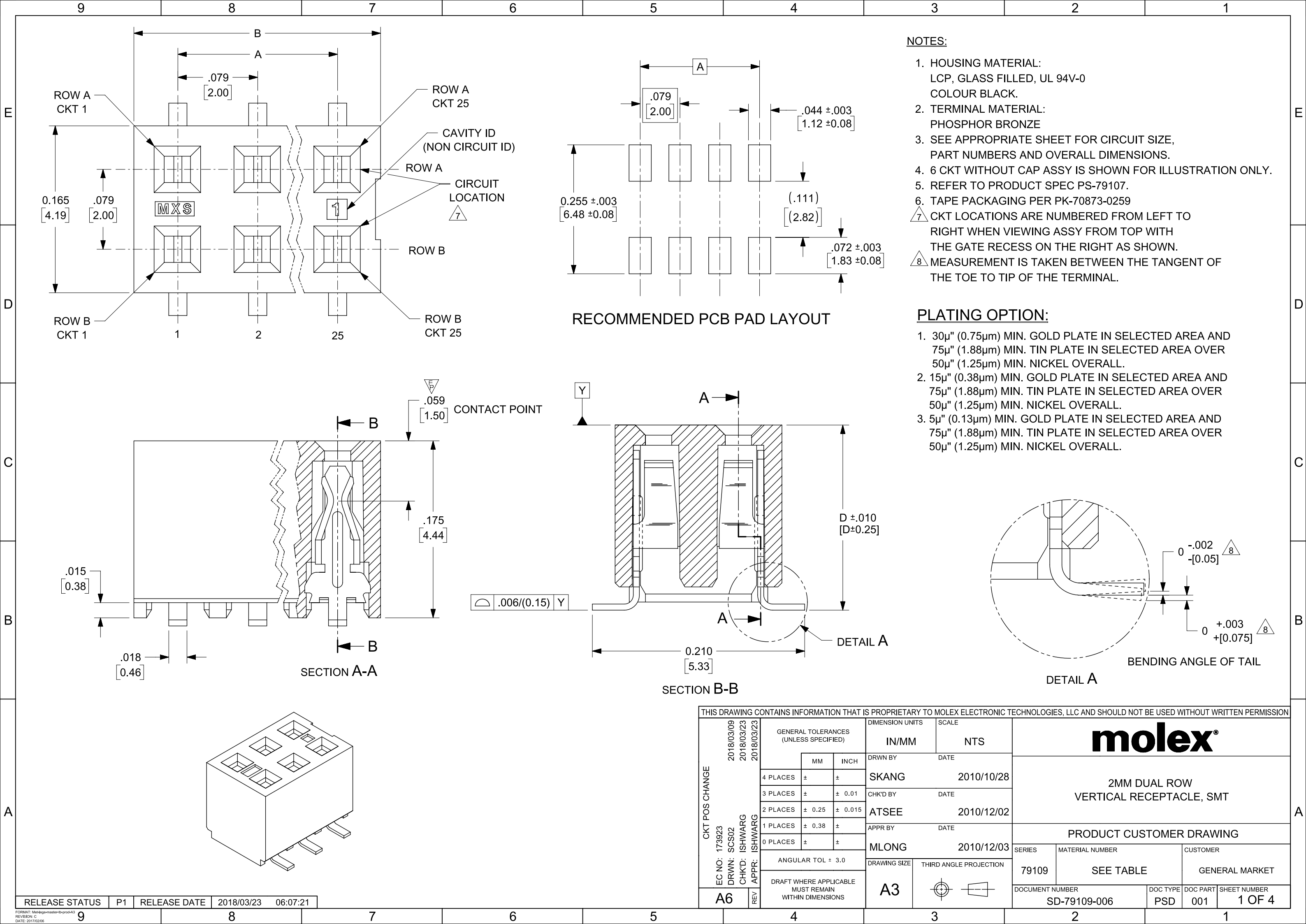
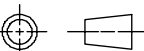
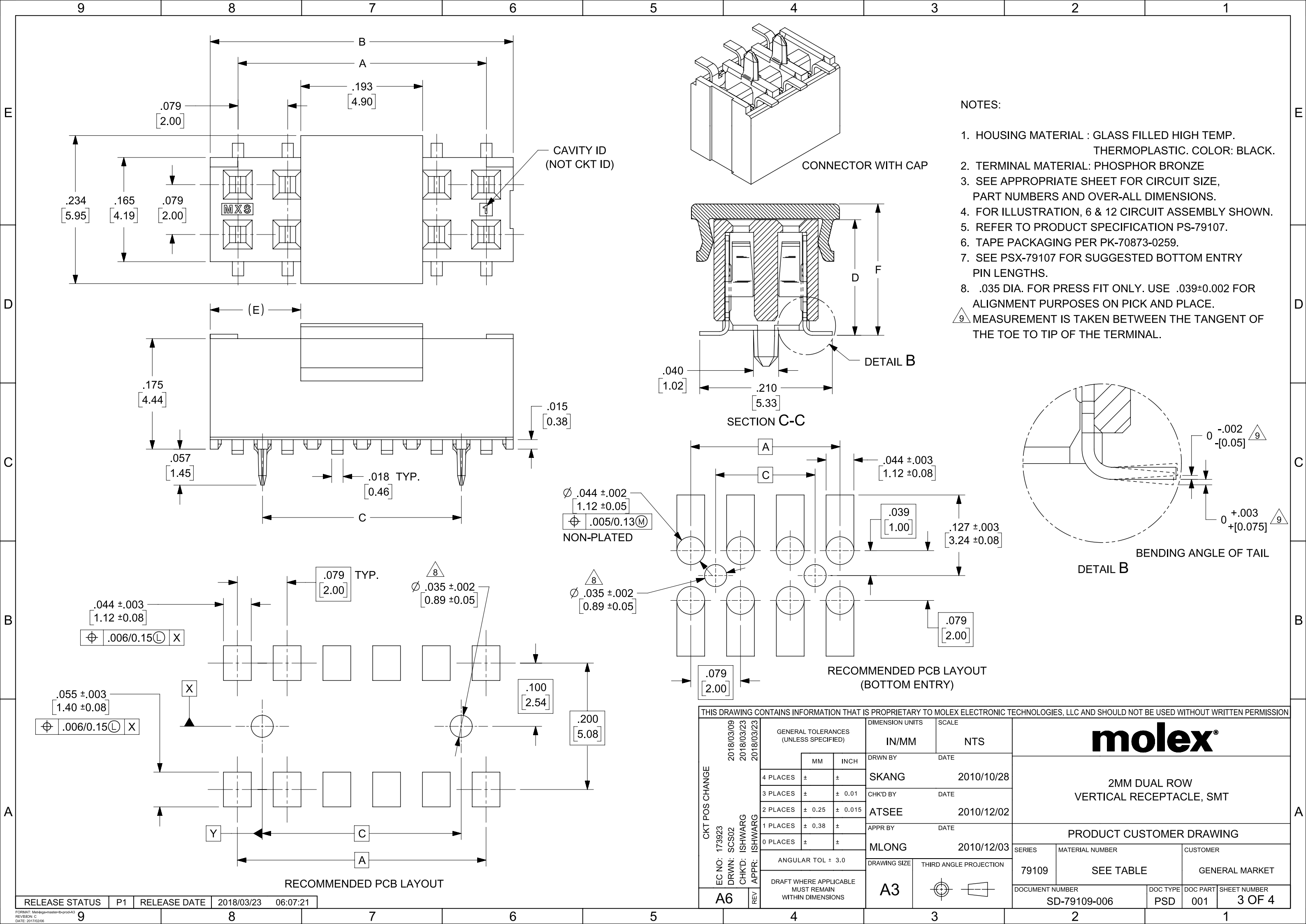




- NOTES:
- HOUSING MATERIAL:
LCP, GLASS FILLED, UL 94V-0
COLOUR BLACK.
 - TERMINAL MATERIAL:
PHOSPHOR BRONZE
 - SEE APPROPRIATE SHEET FOR CIRCUIT SIZE,
PART NUMBERS AND OVERALL DIMENSIONS.
 - 6 CKT WITHOUT CAP ASSY IS SHOWN FOR ILLUSTRATION ONLY.
 - REFER TO PRODUCT SPEC PS-79107.
 - TAPE PACKAGING PER PK-70873-0259
 - CKT LOCATIONS ARE NUMBERED FROM LEFT TO
RIGHT WHEN VIEWING ASSY FROM TOP WITH
THE GATE RECESS ON THE RIGHT AS SHOWN.
 - MEASUREMENT IS TAKEN BETWEEN THE TANGENT OF
THE TOE TO TIP OF THE TERMINAL.

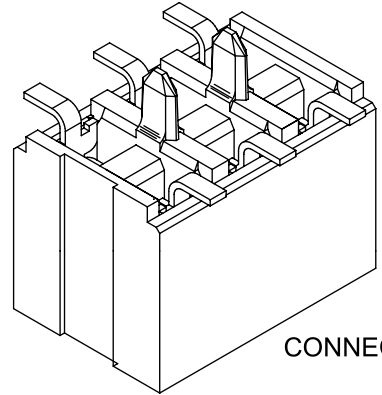
- PLATING OPTION:
- 30µ" (0.75µm) MIN. GOLD PLATE IN SELECTED AREA AND
75µ" (1.88µm) MIN. TIN PLATE IN SELECTED AREA OVER
50µ" (1.25µm) MIN. NICKEL OVERALL.
 - 15µ" (0.38µm) MIN. GOLD PLATE IN SELECTED AREA AND
75µ" (1.88µm) MIN. TIN PLATE IN SELECTED AREA OVER
50µ" (1.25µm) MIN. NICKEL OVERALL.
 - 5µ" (0.13µm) MIN. GOLD PLATE IN SELECTED AREA AND
75µ" (1.88µm) MIN. TIN PLATE IN SELECTED AREA OVER
50µ" (1.25µm) MIN. NICKEL OVERALL.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
CKT POS CHANGE EC NO: 173923 DRWN: SCS02 CHK'D: ISHWARG APPR: ISHWARG	2018/03/09 2018/03/23 2018/03/23	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS IN/MM		SCALE NTS		molex® 2MM DUAL ROW VERTICAL RECEPTACLE, SMT						
			MM	INCH	DRWN BY SKANG		DATE 2010/10/28								
		4 PLACES	±		±	CHK'D BY ATSEE		DATE 2010/12/02		PRODUCT CUSTOMER DRAWING					
		3 PLACES	±		± 0.01	APPR BY MLONG		DATE 2010/12/03							
		2 PLACES	± 0.25		± 0.015	DRAWING SIZE A3		THIRD ANGLE PROJECTION 							
		1 PLACES	± 0.38		±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DOCUMENT NUMBER SD-79109-006		DOC TYPE PSD		DOC PART 001		SHEET NUMBER 1 OF 4	
		0 PLACES	±		±					CUSTOMER GENERAL MARKET					
		ANGULAR TOL ± 3.0													

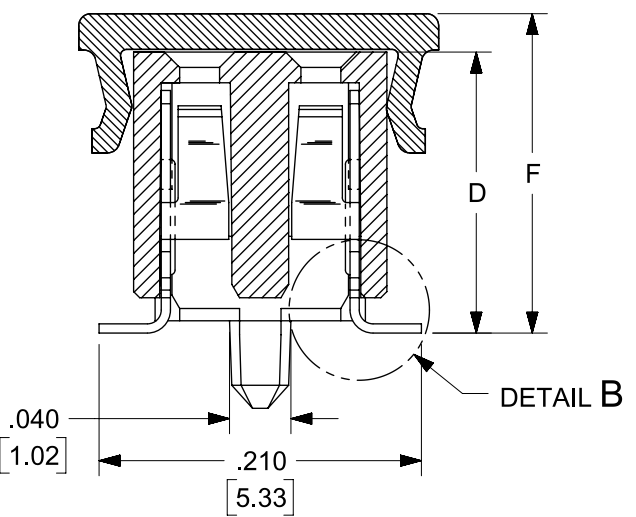


NOTES:

1. HOUSING MATERIAL : GLASS FILLED HIGH TEMP. THERMOPLASTIC. COLOR: BLACK.
2. TERMINAL MATERIAL: PHOSPHOR BRONZE
3. SEE APPROPRIATE SHEET FOR CIRCUIT SIZE, PART NUMBERS AND OVER-ALL DIMENSIONS.
4. FOR ILLUSTRATION, 6 & 12 CIRCUIT ASSEMBLY SHOWN.
5. REFER TO PRODUCT SPECIFICATION PS-79107.
6. TAPE PACKAGING PER PK-70873-0259.
7. SEE PSX-79107 FOR SUGGESTED BOTTOM ENTRY PIN LENGTHS.
8. .035 DIA. FOR PRESS FIT ONLY. USE .039±0.002 FOR ALIGNMENT PURPOSES ON PICK AND PLACE.
9. MEASUREMENT IS TAKEN BETWEEN THE TANGENT OF THE TOE TO TIP OF THE TERMINAL.

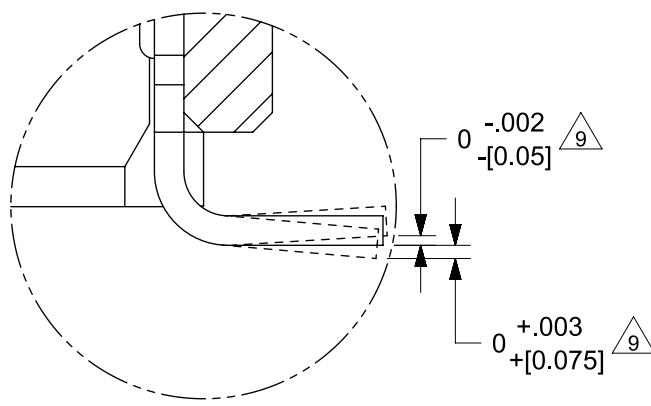


CONNECTOR WITH CAP

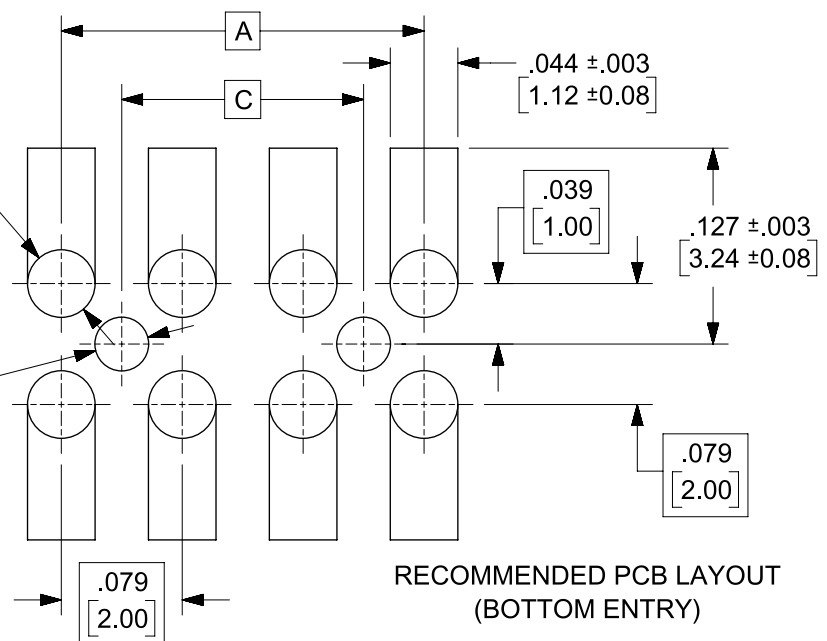


SECTION C-C

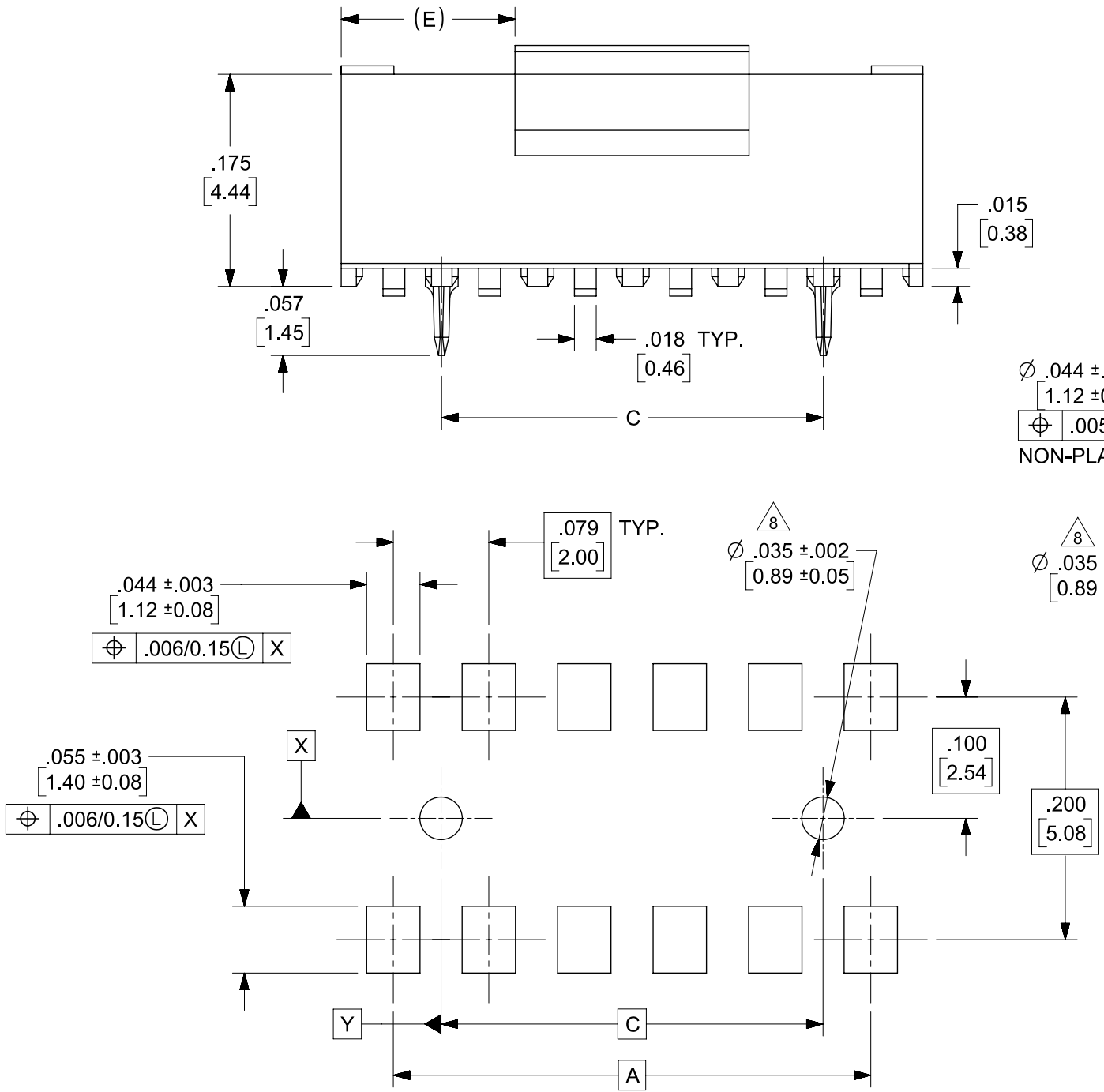
DETAIL B



BENDING ANGLE OF TAIL
DETAIL B



RECOMMENDED PCB LAYOUT
(BOTTOM ENTRY)



RECOMMENDED PCB LAYOUT

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KCT POS CHANGE		2018/03/09		2018/03/23		2018/03/23		GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>MM</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>±</td><td>±</td></tr><tr><td>3 PLACES</td><td>±</td><td>± 0.01</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>± 0.015</td></tr><tr><td>1 PLACES</td><td>± 0.38</td><td>±</td></tr><tr><td>0 PLACES</td><td>±</td><td>±</td></tr><tr><td colspan="3">ANGULAR TOL ± 3.0</td></tr><tr><td colspan="3">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td></tr></table>			MM	INCH	4 PLACES	±	±	3 PLACES	±	± 0.01	2 PLACES	± 0.25	± 0.015	1 PLACES	± 0.38	±	0 PLACES	±	±	ANGULAR TOL ± 3.0			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DIMENSION UNITS		SCALE		molex® 2MM DUAL ROW VERTICAL RECEPTACLE, SMT PRODUCT CUSTOMER DRAWING <table><tr><td>SERIES</td><td>MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td></tr><tr><td>79109</td><td>SEE TABLE</td><td colspan="2">GENERAL MARKET</td></tr><tr><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>SHEET NUMBER</td></tr><tr><td colspan="2">SD-79109-006</td><td>PSD</td><td>001</td><td>3 OF 4</td></tr></table>				SERIES	MATERIAL NUMBER	CUSTOMER		79109	SEE TABLE	GENERAL MARKET		DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER	SD-79109-006		PSD	001	3 OF 4
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