

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [0791091059](#)  
**Status:** **Active**  
**Description:** 2.00mm (.079") Pitch Milli-Grid™ Receptacle, Surface Mount, Vertical, Top/Bottom Entry, without Press-fit Plastic Pegs, without Cap, Tube, 0.76µm (30µ") Gold (Au) Selective, 20 Circuits, Leadfree

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)

[Product Specification PS-79107 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family PCB Receptacles  
Series [79109](#)  
Application Board-to-Board  
Product Name Milli-Grid™

**Physical**

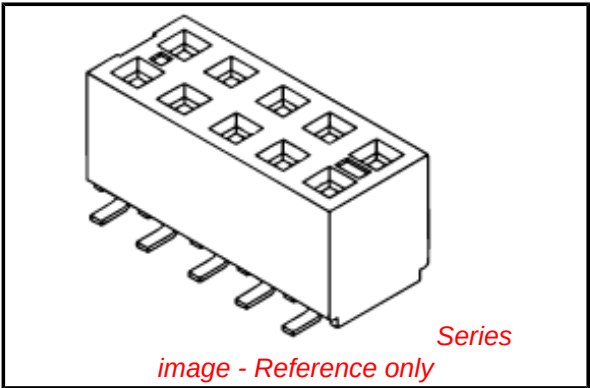
Circuits (Loaded) 20  
Color - Resin Black  
Durability (mating cycles max) 50  
Flammability 94V-0  
Glow-Wire Compliant No  
Lock to Mating Part None  
Material - Metal Phosphor Bronze  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Number of Rows 2  
Orientation Vertical  
PCB Locator No  
PCB Retention None  
Packaging Type Tube  
Pitch - Mating Interface (in) 0.079 In  
Pitch - Mating Interface (mm) 2.00 mm  
Plating min: Mating (µin) 30  
Plating min: Mating (µm) 0.75  
Plating min: Termination (µin) 75  
Plating min: Termination (µm) 1.875  
Polarized to Mating Part No  
Polarized to PCB No  
Surface Mount Compatible (SMC) N/A  
Temperature Range - Operating -55°C to +105°C  
Termination Interface: Style Surface Mount

**Electrical**

Current - Maximum per Contact 1A  
Voltage - Maximum 125V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 10  
Lead-free Process Capability Reflow Capable (SMT only)  
Max. Cycles at Max. Process Temperature 1  
Process Temperature max. C 260



**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Halogen-Free**  
**Status**  
**Halogen-Free**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[79109Series](#)

**Mates With**  
[87833](#) , [87832](#) , [87831](#) , [87758](#) , [87759](#) , [87760](#)

**Material Info**

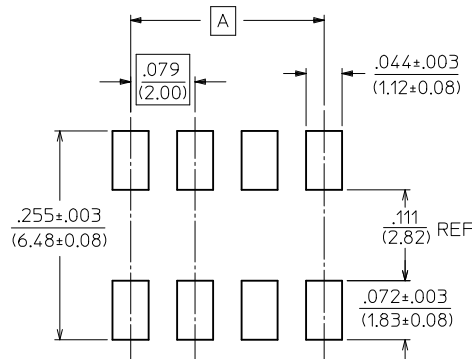
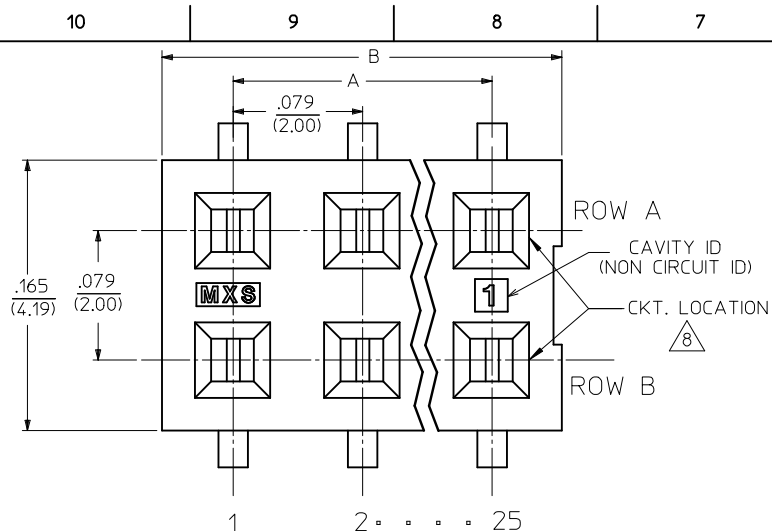
**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

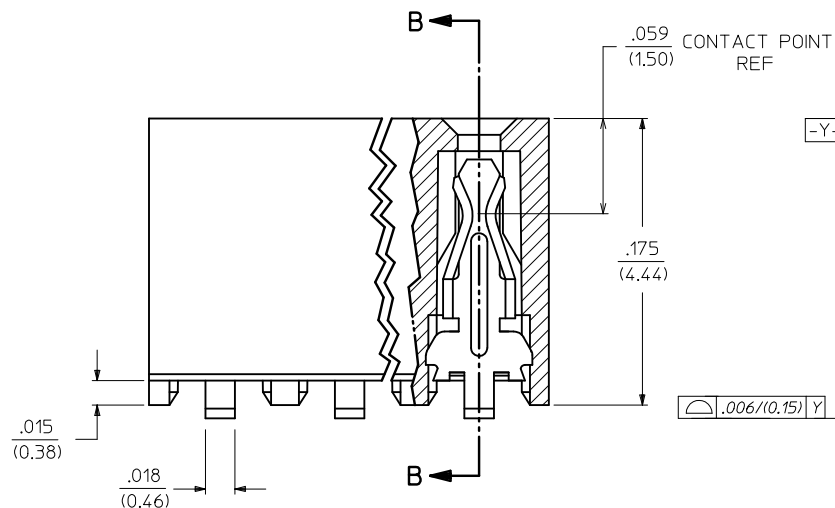
PS-79107  
SDA-79109-\*\*\*\*

This document was generated on 03/17/2010

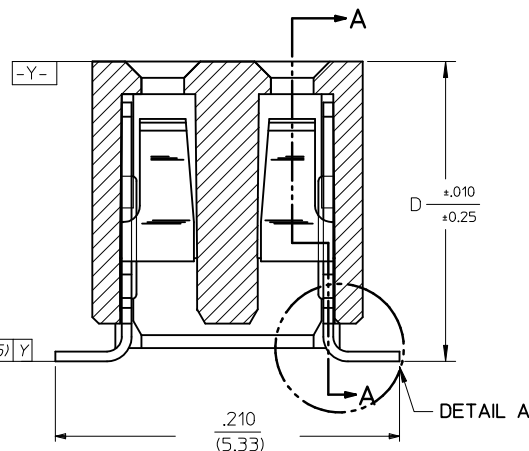
**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**



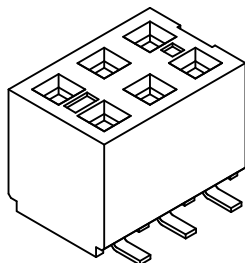
RECOMMENDED PCB PAD LAYOUT



SECTION A-A



SECTION B-B

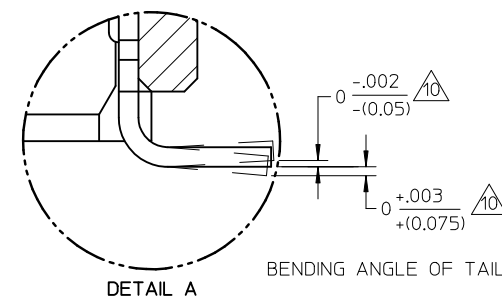


## NOTES:

- 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.
- FOR ILLUSTRATION, 6 CKT ASSY SHOWN.
- REFER TO PRODUCT SPEC PS-79107.
- TUBE PACKAGING PER PK-70873-0217 OR  
TAPE PACKAGING PER PK-70873-0259
- SEE SHT 3 FOR PEG OPTION ASSEMBLIES.
- CKT LOCATIONS ARE NUMBERED FROM LEFT TO  
RIGHT WHEN VIEWING ASSY FROM TOP WITH  
THE GATE RECESS ON THE RIGHT AS SHOWN.
- SEE SHT 5 & 6 FOR VOIDED CIRCUIT PART NUMBERS.
- MEASUREMENT IS TAKEN BETWEEN THE TANGENT OF  
THE TOE TO TIP OF THE TERMINAL.

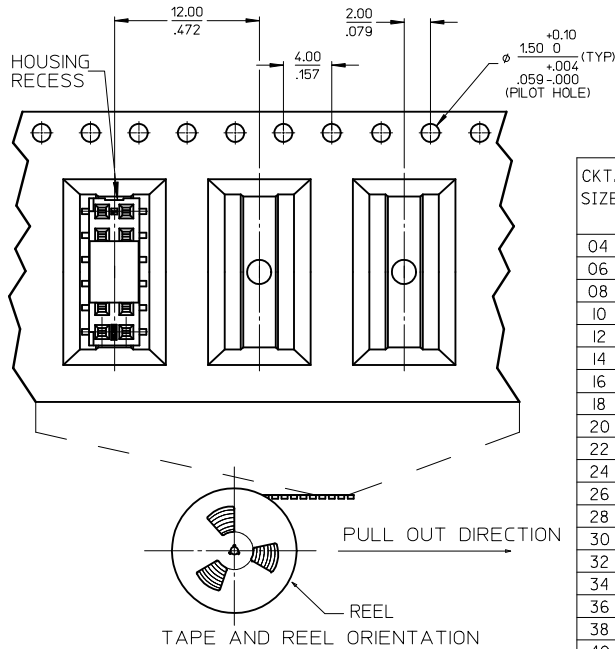
## PLATING OPTION:

- 30u" (0.75um) MIN. GOLD PLATE IN SELECTED AREA AND  
75u" (1.88um) MIN. TIN PLATE IN SELECTED AREA OVER  
50u" (1.25um) MIN. NICKEL OVERALL.
- 15u" (0.38um) MIN. GOLD PLATE IN SELECTED AREA AND  
75u" (1.88um) MIN. TIN PLATE IN SELECTED AREA OVER  
50u" (1.25um) MIN. NICKEL OVERALL.
- 5u" (0.13um) MIN. GOLD PLATE IN SELECTED AREA AND  
75u" (1.88um) MIN. TIN PLATE IN SELECTED AREA OVER  
50u" (1.25um) MIN. NICKEL OVERALL.



|                   |  |                   |  |                                                            |  |                 |  |                                                                                                                                  |  |              |  |                                          |  |
|-------------------|--|-------------------|--|------------------------------------------------------------|--|-----------------|--|----------------------------------------------------------------------------------------------------------------------------------|--|--------------|--|------------------------------------------|--|
| REVISED           |  | QUALITY SYMBOLS   |  | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |  | DIMENSION STYLE |  | SCALE                                                                                                                            |  | DESIGN UNITS |  | THIRD ANGLE PROJECTION                   |  |
| EC NO: S2010-0566 |  | F <sub>A</sub> =0 |  | mm                                                         |  | IN/MM           |  | NTS                                                                                                                              |  | INCH         |  | ⊙                                        |  |
| 2010/01/05        |  | F <sub>B</sub> =0 |  | INCH                                                       |  | DRAWN BY        |  | DATE                                                                                                                             |  | TITLE        |  | 2MM DUAL ROW<br>VERTICAL RECEPTACLE, SMT |  |
| 2010/02/03        |  | F <sub>P</sub> =0 |  | 4 PLACES ± --- ± ---                                       |  | AAB             |  | 1989/05/15                                                                                                                       |  |              |  |                                          |  |
| 2010/02/19        |  |                   |  | 3 PLACES ± --- ± .010                                      |  | CHECKED BY      |  | DATE                                                                                                                             |  |              |  |                                          |  |
|                   |  |                   |  | 2 PLACES ± 0.25 ± .015                                     |  | MJM             |  | 1989/05/15                                                                                                                       |  |              |  |                                          |  |
|                   |  |                   |  | 1 PLACE ± 0.38 ± ---                                       |  | APPROVED BY     |  | DATE                                                                                                                             |  |              |  |                                          |  |
|                   |  |                   |  | ANGULAR ± 3 °                                              |  | MLONG           |  | 2010/02/18                                                                                                                       |  |              |  |                                          |  |
|                   |  |                   |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  | MATERIAL NO.    |  | SEE TABLE                                                                                                                        |  | DOCUMENT NO. |  | SHEET NO.                                |  |
|                   |  |                   |  |                                                            |  | SIZE            |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |              |  | 1 OF 10                                  |  |

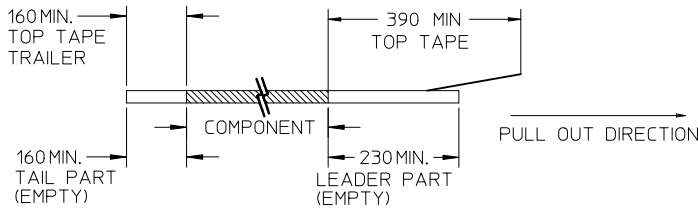
# WITHOUT PEG OPTION



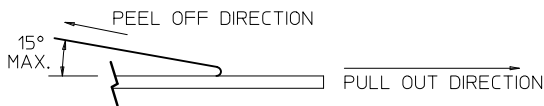
| CKT. SIZE | DIM. "A" |         | DIM. "B" |         | DIM. "D" |        | PLATING OPTION 5                   |                                   | PLATING OPTION 4                   |                                   | PLATING OPTION 6                   |                                   |
|-----------|----------|---------|----------|---------|----------|--------|------------------------------------|-----------------------------------|------------------------------------|-----------------------------------|------------------------------------|-----------------------------------|
|           | INCH     | MM      | INCH     | MM      | INCH     | MM     | ITEM NO. TUBE PACKED (WITHOUT CAP) | ITEM NO. TAPE PACKED (WITH CAP A) | ITEM NO. TUBE PACKED (WITHOUT CAP) | ITEM NO. TAPE PACKED (WITH CAP A) | ITEM NO. TUBE PACKED (WITHOUT CAP) | ITEM NO. TAPE PACKED (WITH CAP A) |
| 04        | .079     | (2.00)  | .165     | (4.19)  | .183     | (4.65) | 79109-1001                         | 79109-8401                        | 79109-1051                         | 79109-8451                        | X                                  | 79109-1101                        |
| 06        | .157     | (4.00)  | .244     | (6.19)  | .183     | (4.65) | 79109-1002                         | 79109-8402                        | 79109-1052                         | 79109-8452                        | X                                  | 79109-1102                        |
| 08        | .236     | (6.00)  | .322     | (8.19)  | .183     | (4.65) | 79109-1003                         | 79109-8403                        | 79109-1053                         | 79109-8453                        | X                                  | 79109-1103                        |
| 10        | .315     | (8.00)  | .401     | (10.19) | .183     | (4.65) | 79109-1004                         | 79109-8404                        | 79109-1054                         | 79109-8454                        | X                                  | 79109-1104                        |
| 12        | .394     | (10.00) | .480     | (12.19) | .183     | (4.65) | 79109-1005                         | 79109-8405                        | 79109-1055                         | 79109-8455                        | X                                  | 79109-1105                        |
| 14        | .472     | (12.00) | .559     | (14.19) | .183     | (4.65) | 79109-1006                         | 79109-8406                        | 79109-1056                         | 79109-8456                        | X                                  | 79109-1106                        |
| 16        | .551     | (14.00) | .637     | (16.19) | .183     | (4.65) | 79109-1007                         | 79109-8407                        | 79109-1057                         | 79109-8457                        | X                                  | 79109-1107                        |
| 18        | .630     | (16.00) | .716     | (18.19) | .183     | (4.65) | 79109-1008                         | 79109-8408                        | 79109-1058                         | 79109-8458                        | X                                  | 79109-1108                        |
| 20        | .709     | (18.00) | .795     | (20.19) | .183     | (4.65) | 79109-1009                         | 79109-8409                        | 79109-1059                         | 79109-8459                        | X                                  | 79109-1109                        |
| 22        | .787     | (20.00) | .874     | (22.19) | .183     | (4.65) | 79109-1010                         | 79109-8410                        | 79109-1060                         | 79109-8460                        | X                                  | 79109-1110                        |
| 24        | .866     | (22.00) | .952     | (24.19) | .183     | (4.65) | 79109-1011                         | 79109-8411                        | 79109-1061                         | 79109-8461                        | X                                  | 79109-1111                        |
| 26        | .945     | (24.00) | 1.031    | (26.19) | .183     | (4.65) | 79109-1012                         | 79109-8412                        | 79109-1062                         | 79109-8462                        | X                                  | 79109-1112                        |
| 28        | 1.024    | (26.00) | 1.110    | (28.19) | .183     | (4.65) | 79109-1013                         | 79109-8413                        | 79109-1063                         | 79109-8463                        | X                                  | 79109-1113                        |
| 30        | 1.102    | (28.00) | 1.188    | (30.19) | .183     | (4.65) | 79109-1014                         | 79109-8414                        | 79109-1064                         | 79109-8464                        | X                                  | 79109-1114                        |
| 32        | 1.181    | (30.00) | 1.267    | (32.19) | .183     | (4.65) | 79109-1015                         | 79109-8415                        | 79109-1065                         | 79109-8465                        | X                                  | 79109-1115                        |
| 34        | 1.260    | (32.00) | 1.346    | (34.19) | .183     | (4.65) | 79109-1016                         | 79109-8416                        | 79109-1066                         | 79109-8466                        | X                                  | 79109-1116                        |
| 36        | 1.338    | (34.00) | 1.425    | (36.19) | .183     | (4.65) | 79109-1017                         | 79109-8417                        | 79109-1067                         | 79109-8467                        | X                                  | 79109-1117                        |
| 38        | 1.417    | (36.00) | 1.504    | (38.19) | .183     | (4.65) | 79109-1018                         | 79109-8418                        | 79109-1068                         | 79109-8468                        | X                                  | 79109-1118                        |
| 40        | 1.496    | (38.00) | 1.582    | (40.19) | .183     | (4.65) | 79109-1019                         | 79109-8419                        | 79109-1069                         | 79109-8469                        | X                                  | 79109-1119                        |
| 42        | 1.575    | (40.00) | 1.661    | (42.19) | .183     | (4.65) | 79109-1020                         | 79109-8420                        | 79109-1070                         | 79109-8470                        | X                                  | 79109-1120                        |
| 44        | 1.654    | (42.00) | 1.740    | (44.19) | .183     | (4.65) | 79109-1021                         | 79109-8421                        | 79109-1071                         | 79109-8471                        | X                                  | 79109-1121                        |
| 46        | 1.732    | (44.00) | 1.818    | (46.19) | .183     | (4.65) | 79109-1022                         | 79109-8422                        | 79109-1072                         | 79109-8472                        | X                                  | 79109-1122                        |
| 48        | 1.811    | (46.00) | 1.897    | (48.19) | .183     | (4.65) | 79109-1023                         | 79109-8423                        | 79109-1073                         | 79109-8473                        | X                                  | 79109-1123                        |
| 50        | 1.890    | (48.00) | 1.976    | (50.19) | .183     | (4.65) | 79109-1024                         | 79109-8424                        | 79109-1074                         | 79109-8474                        | X                                  | 79109-1124                        |

## NOTES:

### 1. LEADER AND TRAILER TAPE



### 2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf. (PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



### 3. PACKAGING STANDARD IS AS PER EIA-481.

### 4. TAPE & REEL QUANTITY = 500 PCS/REEL

\*X\* INDICATES TOOLING NOT AVAILABLE

## SPECIAL PACKAGING (TAPE PACKED WITHOUT CAP)

| CKT. SIZE | DIM. "A" |         | DIM. "B" |         | DIM. "D" |        | ITEM NO.   | PLATING OPTION SEE SHEET I |
|-----------|----------|---------|----------|---------|----------|--------|------------|----------------------------|
|           | INCH     | MM      | INCH     | MM      | INCH     | MM     |            |                            |
| 06        | .157     | (4.00)  | .244     | (6.19)  | .183     | (4.65) | 79109-9004 | 5                          |
| 20        | .709     | (18.00) | .795     | (20.19) | .183     | (4.65) | 79109-9005 | 5                          |
| 50        | 1.890    | (48.00) | 1.976    | (50.19) | .183     | (4.65) | 79109-9006 | 5                          |
| 34        | 1.260    | (32.00) | 1.346    | (34.19) | .183     | (4.65) | 79109-9007 | 5                          |

|         |                   |            |            |            |            |                                                                                                                               |            |             |                 |                                                            |  |  |                 |            |                                |              |                                                   |  |  |  |
|---------|-------------------|------------|------------|------------|------------|-------------------------------------------------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------------------------------------------------|--|--|-----------------|------------|--------------------------------|--------------|---------------------------------------------------|--|--|--|
| REVISED | EC NO: S2010-0566 | DRWN:SKANG | 2010/01/05 | CHKD:ATSEE | 2010/02/03 | APPR:MLONG                                                                                                                    | 2010/02/19 | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |  |  | DIMENSION STYLE |            | SCALE                          | DESIGN UNITS | THIRD ANGLE PROJECTION                            |  |  |  |
|         |                   |            |            |            |            |                                                                                                                               |            |             |                 |                                                            |  |  | IN/MM           |            | NTS                            | INCH         |                                                   |  |  |  |
|         |                   |            |            |            |            |                                                                                                                               |            |             |                 |                                                            |  |  | mm              | INCH       | DRAWN BY                       | DATE         | TITLE<br>2MM DUAL ROW<br>VERTICAL RECEPTACLE, SMT |  |  |  |
|         |                   |            |            |            |            |                                                                                                                               |            |             |                 | 4 PLACES ± --- ± ---                                       |  |  | AAB             | 1989/05/15 |                                |              |                                                   |  |  |  |
|         |                   |            |            |            |            |                                                                                                                               |            |             |                 | 3 PLACES ± --- ± .010                                      |  |  | CHECKED BY      | DATE       | MOLEX INCORPORATED             |              |                                                   |  |  |  |
|         |                   |            |            |            |            |                                                                                                                               |            |             |                 | 2 PLACES ± 0.25 ± .015                                     |  |  | MJM             | 1989/05/15 |                                |              |                                                   |  |  |  |
|         |                   |            |            |            |            |                                                                                                                               |            |             |                 | 1 PLACE ± 0.38 ± ---                                       |  |  | APPROVED BY     | DATE       | DOCUMENT NO.<br>SDA-79109-**** |              |                                                   |  |  |  |
|         |                   |            |            |            |            |                                                                                                                               |            |             |                 | ANGULAR ± 3 °                                              |  |  | MLONG           | 2010/02/18 |                                |              |                                                   |  |  |  |
|         |                   |            |            |            |            |                                                                                                                               |            |             |                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  |  | MATERIAL NO.    |            | SHEET NO.<br>2 OF 10           |              |                                                   |  |  |  |
|         |                   |            |            |            |            |                                                                                                                               |            |             |                 |                                                            |  |  | SEE TABLE       |            |                                |              |                                                   |  |  |  |
| M6      | REV               |            |            |            | SIZE       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |            |             |                 |                                                            |  |  |                 |            |                                |              |                                                   |  |  |  |
|         |                   |            | A3         |            |            |                                                                                                                               |            |             |                 |                                                            |  |  |                 |            |                                |              |                                                   |  |  |  |

10

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1

# ASSEMBLIES WITHOUT PEGS

## VOIDED CIRCUIT OPTION

| CKT.<br>SIZE | ASSEMBLY<br>(WITHOUT CAP IN TUBE) | VOID LOCATION(S)<br>SEE SHEET 1 FOR CONVENTION |             | PLATING OPTION | DIM. "A" |         | DIM. "B" |         | DIM. "D" |         |
|--------------|-----------------------------------|------------------------------------------------|-------------|----------------|----------|---------|----------|---------|----------|---------|
|              | PART NUMBER                       | ROW                                            | CKT. NO.(s) |                | INCH     | MM      | INCH     | MM      | INCH     | MM      |
| 22           | 79109-5011                        | A                                              | 2           | 4              | .787     | (20.00) | .874     | (22.19) | .183     | ( 4.65) |
| 6            | 79109-5012                        | A                                              | 2           | 5              | .157     | (4.00)  | .244     | (6.19)  | .183     | ( 4.65) |

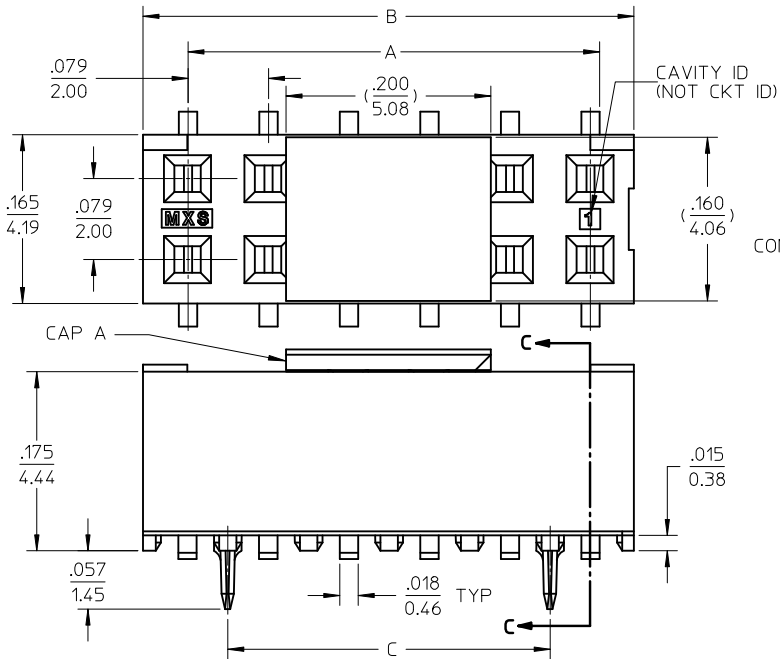
| CKT<br>SIZE | ASSEMBLY<br>(WITH CAP A IN T&R) | VOID LOCATION(S)<br>SEE SHEET 1 FOR CONVENTION |         | PLATING OPTION | DIM A |         | DIM B |         | DIM D |        |
|-------------|---------------------------------|------------------------------------------------|---------|----------------|-------|---------|-------|---------|-------|--------|
|             | PART NUMBER                     | ROW                                            | CKT NO. |                | INCH  | MM      | INCH  | MM      | INCH  | MM     |
| 50          | 79109-8924                      | A                                              | 13, 23  | 5              | 1.890 | (48.00) | 1.976 | (50.19) | .183  | (4.65) |
|             |                                 | B                                              | 23      |                |       |         |       |         |       |        |

### NOTES:

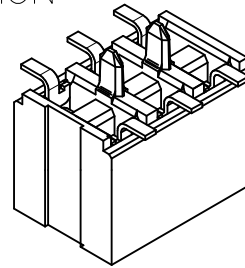
1. TERMINALS WILL BE PRESENT IN VOIDED LOCATIONS. HOWEVER, PIN WINDOWS WILL BE CLOSED.
2. VOIDS CAN ONLY BE PRESENT IN ONE ROW OF A CONNECTOR.

|                                                                                                                  |                    |                                                                                                        |                                                            |        |                          |                                                                                                                                  |                    |                                                   |                           |                      |  |  |
|------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------|---------------------------|----------------------|--|--|
| REVISED<br>EC NO: S2010-0566<br>2010/01/05<br>DRWN:SKANG<br>2010/02/03<br>CHKD:ATSEE<br>2010/02/19<br>APPR:MLONG | DESCRIPTION<br>REV | QUALITY<br>SYMBOLS<br><div>F<sub>A</sub>=0</div> <div>F<sub>C</sub>=0</div> <div>F<sub>P</sub>=0</div> | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |        | DIMENSION STYLE<br>IN/MM |                                                                                                                                  | SCALE<br>NTS       | DESIGN UNITS<br>INCH                              | THIRD ANGLE<br>PROJECTION |                      |  |  |
|                                                                                                                  |                    |                                                                                                        |                                                            | mm     | INCH                     | DRAWN BY<br>AAB                                                                                                                  | DATE<br>1989/05/15 | TITLE<br>2MM DUAL ROW<br>VERTICAL RECEPTACLE, SMT |                           |                      |  |  |
|                                                                                                                  |                    |                                                                                                        | 4 PLACES                                                   | ± ---  | ± ---                    | CHECKED BY<br>MJM                                                                                                                | DATE<br>1989/05/15 |                                                   |                           |                      |  |  |
|                                                                                                                  |                    |                                                                                                        | 3 PLACES                                                   | ± ---  | ± .010                   | MOLEX INCORPORATED                                                                                                               |                    |                                                   |                           |                      |  |  |
|                                                                                                                  |                    |                                                                                                        | 2 PLACES                                                   | ± 0.25 | ± .015                   |                                                                                                                                  |                    |                                                   |                           |                      |  |  |
|                                                                                                                  |                    |                                                                                                        | 1 PLACE                                                    | ± 0.38 | ± ---                    |                                                                                                                                  |                    |                                                   |                           |                      |  |  |
|                                                                                                                  |                    |                                                                                                        | ANGULAR ± 3 °                                              |        |                          | APPROVED BY<br>MLONG                                                                                                             | DATE<br>2010/02/18 |                                                   |                           |                      |  |  |
|                                                                                                                  |                    |                                                                                                        | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |                          | MATERIAL NO.<br>SEE TABLE                                                                                                        |                    | DOCUMENT NO.<br>SDA-79109-****                    |                           | SHEET NO.<br>3 OF 10 |  |  |
|                                                                                                                  |                    |                                                                                                        |                                                            |        |                          | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                   |                           |                      |  |  |
|                                                                                                                  |                    |                                                                                                        |                                                            |        |                          |                                                                                                                                  |                    |                                                   |                           |                      |  |  |

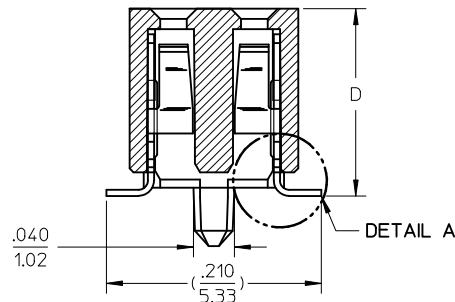
# PEG OPTION



CONNECTOR WITH CAP



## SECTION C-C

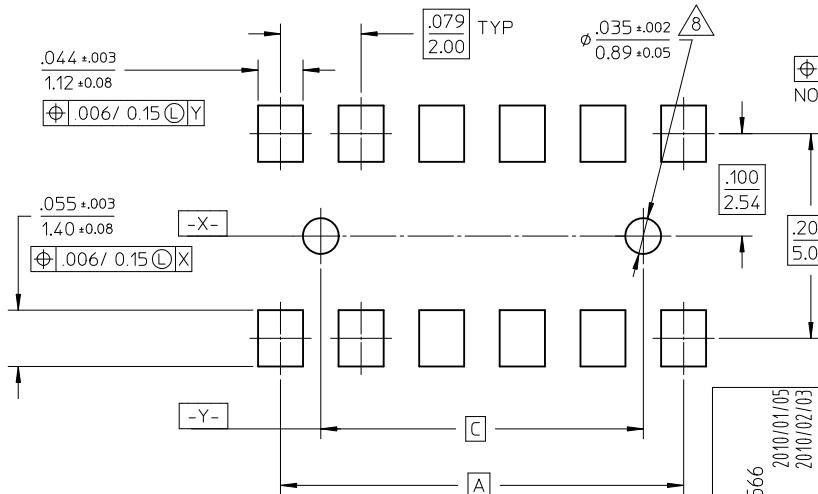


## PLATING OPTION:

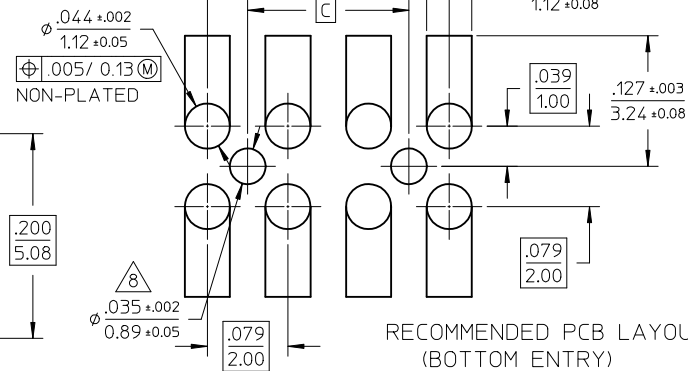
- (4) 30uIn (.75um) MIN. GOLD PLATE IN SELECTED AREA AND 75uIn (1.88um) MIN. TIN IN SELECTED AREA OVER 50uIn (1.25um) MIN. NICKEL OVER-ALL.
- (5) 15uIn (.38um) MIN. GOLD PLATE IN SELECTED AREA AND 75uIn (1.88um) MIN. TIN IN SELECTED AREA OVER 50uIn (1.25um) MIN. NICKEL OVER-ALL.
- (6) 5uIn (.13um) MIN. GOLD PLATE IN SELECTED AREA AND 75uIn (1.88um) MIN. TIN IN SELECTED AREA OVER 50uIn (1.25um) MIN. NICKEL OVER-ALL.

## NOTES:

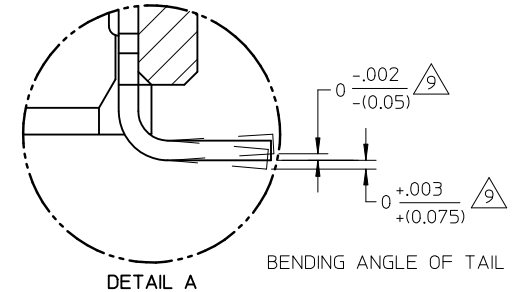
- 1 - HOUSING MATERIAL: GLASS FILLED HIGH TEMP. THERMOPLASTIC. COLOR: BLACK.
- 2 - TERMINAL MATERIAL: PHOSPHOR BRONZE
- 3 - SEE APPROPRIATE SHEET FOR CIRCUIT SIZE, PART NUMBERS AND OVER-ALL DIMENSIONS.
- 4 - FOR ILLUSTRATION, 6&12 CIRCUIT ASSEMBLY SHOWN.
- 5 - REFER TO PRODUCT SPECIFICATION PS-79107.
- 6 - TUBE PACKAGING PER PK-70873-0217 OR 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±.002 FOR ALIGNMENT PURPOSES ON PICK AND PLACE.
- 9 - MEASUREMENT IS TAKEN BETWEEN THE TANGENT OF THE TOE TO TIP OF THE TERMINAL.



RECOMMENDED PCB LAYOUT



RECOMMENDED PCB LAYOUT (BOTTOM ENTRY)



| REVISED    |            | QUALITY SYMBOLS |            | GENERAL TOLERANCES (UNLESS SPECIFIED) |            | DIMENSION STYLE                                      |        | SCALE  |      | DESIGN UNITS |                                                                                                                               | THIRD ANGLE PROJECTION |      |
|------------|------------|-----------------|------------|---------------------------------------|------------|------------------------------------------------------|--------|--------|------|--------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------|------|
| EC NO:     | DATE       | DRWN:           | DATE       | CHKD:                                 | DATE       | mm                                                   | INCH   | NTS    | INCH | INCH         | INCH                                                                                                                          | INCH                   | INCH |
| S2010-0566 | 2010/01/05 | KANG            | 2010/02/03 | ATSEE                                 | 2010/02/19 | 4 PLACES                                             | ± ---  | ± ---  | AAB  | 1989/05/15   | 2MM DUAL ROW VERTICAL RECEPTACLE, SMT                                                                                         |                        |      |
|            |            |                 |            |                                       |            | 3 PLACES                                             | ± ---  | ± .010 |      |              |                                                                                                                               |                        |      |
|            |            |                 |            |                                       |            | 2 PLACES                                             | ± 0.25 | ± .015 | MJM  | 1989/05/15   | MOLEX INCORPORATED                                                                                                            |                        |      |
|            |            |                 |            |                                       |            | 1 PLACE                                              | ± 0.38 | ± ---  |      |              |                                                                                                                               |                        |      |
|            |            |                 |            |                                       |            | ANGULAR ± 3 °                                        |        |        |      |              | SDA-79109-****                                                                                                                |                        |      |
|            |            |                 |            |                                       |            | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |        |        |      |              |                                                                                                                               |                        |      |
|            |            |                 |            |                                       |            |                                                      |        |        |      |              | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |      |
|            |            |                 |            |                                       |            |                                                      |        |        |      |              |                                                                                                                               |                        |      |

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## PEG OPTION

| CKT.<br>SIZE | DIM. "A" |         | DIM. "B" |         | DIM. "C" |         | DIM. "D" |        | PLATING OPTION 5                         |                                         | PLATING OPTION 4                         |                                         | PLATING OPTION 6                         |                                         |
|--------------|----------|---------|----------|---------|----------|---------|----------|--------|------------------------------------------|-----------------------------------------|------------------------------------------|-----------------------------------------|------------------------------------------|-----------------------------------------|
|              | INCH     | MM      | INCH     | MM      | INCH     | MM      | INCH     | MM     | ITEM NO.<br>TUBE PACKED<br>(WITHOUT CAP) | ITEM NO.<br>TAPE PACKED<br>(WITH CAP A) | ITEM NO.<br>TUBE PACKED<br>(WITHOUT CAP) | ITEM NO.<br>TAPE PACKED<br>(WITH CAP A) | ITEM NO.<br>TUBE PACKED<br>(WITHOUT CAP) | ITEM NO.<br>TAPE PACKED<br>(WITH CAP A) |
| 04           | .079     | (2.00)  | .165     | (4.19)  | -        | -       | .183     | (4.65) | 79109-1201                               | 79109-8601                              | 79109-1251                               | 79109-8651                              | X 79109-1301                             | -                                       |
| 06           | .157     | (4.00)  | .244     | (6.19)  | .079     | (2.00)  | .183     | (4.65) | 79109-1202                               | 79109-8602                              | 79109-1252                               | 79109-8652                              | X 79109-1302                             | -                                       |
| 08           | .236     | (6.00)  | .322     | (8.19)  | .157     | (4.00)  | .183     | (4.65) | 79109-1203                               | 79109-8603                              | 79109-1253                               | 79109-8653                              | X 79109-1303                             | -                                       |
| 10           | .315     | (8.00)  | .401     | (10.19) | .236     | (6.00)  | .183     | (4.65) | 79109-1204                               | 79109-8604                              | 79109-1254                               | 79109-8654                              | X 79109-1304                             | -                                       |
| 12           | .394     | (10.00) | .480     | (12.19) | .315     | (8.00)  | .183     | (4.65) | 79109-1205                               | 79109-8605                              | 79109-1255                               | 79109-8655                              | X 79109-1305                             | -                                       |
| 14           | .472     | (12.00) | .559     | (14.19) | .394     | (10.00) | .183     | (4.65) | 79109-1206                               | 79109-8606                              | 79109-1256                               | 79109-8656                              | X 79109-1306                             | -                                       |
| 16           | .551     | (14.00) | .637     | (16.19) | .472     | (12.00) | .183     | (4.65) | 79109-1207                               | 79109-8607                              | 79109-1257                               | 79109-8657                              | X 79109-1307                             | -                                       |
| 18           | .630     | (16.00) | .716     | (18.19) | .551     | (14.00) | .183     | (4.65) | 79109-1208                               | 79109-8608                              | 79109-1258                               | 79109-8658                              | X 79109-1308                             | -                                       |
| 20           | .709     | (18.00) | .795     | (20.19) | .630     | (16.00) | .183     | (4.65) | 79109-1209                               | 79109-8609                              | 79109-1259                               | 79109-8659                              | X 79109-1309                             | -                                       |
| 22           | .787     | (20.00) | .874     | (22.19) | .709     | (18.00) | .183     | (4.65) | 79109-1210                               | 79109-8610                              | 79109-1260                               | 79109-8660                              | X 79109-1310                             | -                                       |
| 24           | .866     | (22.00) | .952     | (24.19) | .787     | (20.00) | .183     | (4.65) | 79109-1211                               | 79109-8611                              | 79109-1261                               | 79109-8661                              | X 79109-1311                             | -                                       |
| 26           | .945     | (24.00) | 1.031    | (26.19) | .866     | (22.00) | .183     | (4.65) | 79109-1212                               | 79109-8612                              | 79109-1262                               | 79109-8662                              | X 79109-1312                             | -                                       |
| 28           | 1.024    | (26.00) | 1.110    | (28.19) | .945     | (24.00) | .183     | (4.65) | 79109-1213                               | 79109-8613                              | 79109-1263                               | 79109-8663                              | X 79109-1313                             | -                                       |
| 30           | 1.102    | (28.00) | 1.188    | (30.19) | 1.024    | (26.00) | .183     | (4.65) | 79109-1214                               | 79109-8614                              | 79109-1264                               | 79109-8664                              | X 79109-1314                             | -                                       |
| 32           | 1.181    | (30.00) | 1.267    | (32.19) | 1.102    | (28.00) | .183     | (4.65) | 79109-1215                               | 79109-8615                              | 79109-1265                               | 79109-8665                              | X 79109-1315                             | -                                       |
| 34           | 1.260    | (32.00) | 1.346    | (34.19) | 1.181    | (30.00) | .183     | (4.65) | 79109-1216                               | 79109-8616                              | 79109-1266                               | 79109-8666                              | X 79109-1316                             | -                                       |
| 36           | 1.338    | (34.00) | 1.425    | (36.19) | 1.260    | (32.00) | .183     | (4.65) | 79109-1217                               | 79109-8617                              | 79109-1267                               | 79109-8667                              | X 79109-1317                             | -                                       |
| 38           | 1.417    | (36.00) | 1.504    | (38.19) | 1.338    | (34.00) | .183     | (4.65) | 79109-1218                               | 79109-8618                              | 79109-1268                               | 79109-8668                              | X 79109-1318                             | -                                       |
| 40           | 1.496    | (38.00) | 1.582    | (40.19) | 1.417    | (36.00) | .183     | (4.65) | 79109-1219                               | 79109-8619                              | 79109-1269                               | 79109-8669                              | X 79109-1319                             | -                                       |
| 42           | 1.575    | (40.00) | 1.661    | (42.19) | 1.496    | (38.00) | .183     | (4.65) | 79109-1220                               | 79109-8620                              | 79109-1270                               | 79109-8670                              | X 79109-1320                             | -                                       |
| 44           | 1.654    | (42.00) | 1.740    | (44.19) | 1.575    | (40.00) | .183     | (4.65) | 79109-1221                               | 79109-8621                              | 79109-1271                               | 79109-8671                              | X 79109-1321                             | -                                       |
| 46           | 1.732    | (44.00) | 1.818    | (46.19) | 1.654    | (42.00) | .183     | (4.65) | 79109-1222                               | 79109-8622                              | 79109-1272                               | 79109-8672                              | X 79109-1322                             | -                                       |
| 48           | 1.811    | (46.00) | 1.897    | (48.19) | 1.732    | (44.00) | .183     | (4.65) | 79109-1223                               | 79109-8623                              | 79109-1273                               | 79109-8673                              | X 79109-1323                             | -                                       |
| 50           | 1.890    | (48.00) | 1.976    | (50.19) | 1.811    | (46.00) | .183     | (4.65) | 79109-1224                               | 79109-8624                              | 79109-1274                               | 79109-8674                              | X 79109-1324                             | -                                       |

\*X\* INDICATES TOOLING NOT AVAILABLE

|                                                                                                                                  |                                                                                                        |             |                                                            |               |              |                          |             |              |                                                                                                          |                                                                                                                 |  |         |  |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|---------------|--------------|--------------------------|-------------|--------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--|---------|--|
| REVISED<br>EC NO: S2010-0566<br>2010/01/05<br>DRWN:SKANG<br>CHKD:ATSEE<br>2010/02/03<br>APPR:MLONG<br>2010/02/19                 | QUALITY<br>SYMBOLS<br><div>F<sub>A</sub>=0</div> <div>F<sub>C</sub>=0</div> <div>F<sub>P</sub>=0</div> | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |               |              | DIMENSION STYLE<br>IN/MM |             | SCALE<br>NTS | DESIGN UNITS<br>INCH                                                                                     |  THIRD ANGLE<br>PROJECTION |  |         |  |
|                                                                                                                                  |                                                                                                        |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |               | mm           | INCH                     | DRAWN BY    | DATE         | TITLE<br>2MM DUAL ROW<br>VERTICAL RECEPTACLE, SMT                                                        |                                                                                                                 |  |         |  |
|                                                                                                                                  |                                                                                                        |             |                                                            | 4 PLACES      | ± ---        | ± ---                    | AAB         | 1989/05/15   |                                                                                                          |                                                                                                                 |  |         |  |
|                                                                                                                                  |                                                                                                        |             |                                                            | 3 PLACES      | ± ---        | ± .010                   | CHECKED BY  | DATE         |                                                                                                          |                                                                                                                 |  |         |  |
|                                                                                                                                  |                                                                                                        |             |                                                            | 2 PLACES      | ± 0.25       | ± .015                   | MJM         | 1989/05/15   |                                                                                                          |                                                                                                                 |  |         |  |
|                                                                                                                                  |                                                                                                        |             |                                                            | 1 PLACE       | ± 0.38       | ± ---                    | APPROVED BY | DATE         |                                                                                                          |                                                                                                                 |  |         |  |
|                                                                                                                                  |                                                                                                        |             |                                                            | ANGULAR ± 3 ° |              |                          | MLONG       | 2010/02/18   |  MOLEX INCORPORATED |                                                                                                                 |  |         |  |
|                                                                                                                                  |                                                                                                        |             |                                                            | MATERIAL NO.  | DOCUMENT NO. |                          | SHEET NO.   |              |                                                                                                          |                                                                                                                 |  |         |  |
| M6                                                                                                                               | REV                                                                                                    |             |                                                            |               |              | SIZE<br>A3               |             | SEE TABLE    |                                                                                                          | SDA-79109-****                                                                                                  |  | 5 OF 10 |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                                        |             |                                                            |               |              |                          |             |              |                                                                                                          |                                                                                                                 |  |         |  |

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PEG OPTION

SPECIAL PACKAGING (TAPE PACKED WITHOUT CAP)

| CKT.<br>SIZE | DIM. "A" |         | DIM. "B" |         | DIM. "C" |         | DIM. "D" |        | ITEM NO.   | PLATING<br>OPTION<br>SEE SHEET 1 |
|--------------|----------|---------|----------|---------|----------|---------|----------|--------|------------|----------------------------------|
|              | INCH     | MM      | INCH     | MM      | INCH     | MM      | INCH     | MM     |            |                                  |
| 50           | 1.890    | (48.00) | 1.976    | (50.19) | 1.811    | (46.00) | .183     | (4.65) | 79109-9103 | 5                                |



ASSEMBLIES WITH PEGS  
VOIDED CIRCUIT OPTION

| CKT.<br>SIZE | ASSEMBLY<br>(WITHOUT CAP IN TUBE) | VOID LOCATION(S)<br>SEE SHEET 1 FOR CONVENTION |             | PLATING OPTION | DIM. "A" |         | DIM. "B" |         | DIM. "C" |         | DIM. "D" |         |
|--------------|-----------------------------------|------------------------------------------------|-------------|----------------|----------|---------|----------|---------|----------|---------|----------|---------|
|              | ITEM NO.                          | ROW                                            | CKT. NO.(s) |                | INCH     | MM      | INCH     | MM      | INCH     | MM      | INCH     | MM      |
| 48           | 79109-6011                        | ROW A                                          | 1, 24       | 5              | 1.811    | (46.00) | 1.897    | (48.19) | 1.732    | (44.00) | .183     | ( 4.65) |
| 44           | 79109-6012                        | ROW B                                          | 10          | 5              | 1.654    | (42.00) | 1.740    | (44.19) | 1.575    | (42.00) | .183     | ( 4.65) |

NOTES:  
1. TERMINALS WILL BE PRESENT IN VOIDED LOCATIONS. HOWEVER, PIN WINDOWS WILL BE CLOSED.  
2. VOIDS CAN ONLY BE PRESENT IN ONE ROW OF A CONNECTOR.

SPECIAL - CUSTOM TERMINAL FEET

PEG OPTION

|           |       | DIM. "A" |       | DIM. "B" |       | DIM. "C" |      | DIM. "D" |    | PLATING OPTION 5                   |                                   |                                   |
|-----------|-------|----------|-------|----------|-------|----------|------|----------|----|------------------------------------|-----------------------------------|-----------------------------------|
| CKT. SIZE |       | INCH     | MM    | INCH     | MM    | INCH     | MM   | INCH     | MM | ITEM NO. TUBE PACKED (WITHOUT CAP) | ITEM NO. TAPE PACKED (WITH CAP A) | ITEM NO. TUBE PACKED (WITH CAP A) |
| 04        | .079  | (2.00)   | .165  | (4.19)   | -     | -        | .185 | (4.70)   |    | X -                                | X 79109-8751                      | X -                               |
| 06        | .157  | (4.00)   | .244  | (6.19)   | .079  | (2.00)   | .185 | (4.70)   |    | X -                                | X 79109-8752                      | X -                               |
| 08        | .236  | (6.00)   | .322  | (8.19)   | .157  | (4.00)   | .185 | (4.70)   |    | X -                                | X 79109-8753                      | X -                               |
| 10        | .315  | (8.00)   | .401  | (10.19)  | .236  | (6.00)   | .185 | (4.70)   |    | X -                                | X 79109-8754                      | X -                               |
| 12        | .394  | (10.00)  | .480  | (12.19)  | .315  | (8.00)   | .185 | (4.70)   |    | X -                                | X 79109-8755                      | X -                               |
| 14        | .472  | (12.00)  | .559  | (14.19)  | .394  | (10.00)  | .185 | (4.70)   |    | X -                                | X 79109-8756                      | X -                               |
| 16        | .551  | (14.00)  | .637  | (16.19)  | .472  | (12.00)  | .185 | (4.70)   |    | X -                                | X 79109-8757                      | X -                               |
| 18        | .630  | (16.00)  | .716  | (18.19)  | .551  | (14.00)  | .185 | (4.70)   |    | X -                                | X 79109-8758                      | X -                               |
| 20        | .709  | (18.00)  | .795  | (20.19)  | .630  | (16.00)  | .185 | (4.70)   |    | X -                                | X 79109-8759                      | X -                               |
| 22        | .787  | (20.00)  | .874  | (22.19)  | .709  | (18.00)  | .185 | (4.70)   |    | X -                                | X 79109-8760                      | X -                               |
| 24        | .866  | (22.00)  | .952  | (24.19)  | .787  | (20.00)  | .185 | (4.70)   |    | X -                                | X 79109-8761                      | X -                               |
| 26        | .945  | (24.00)  | 1.031 | (26.19)  | .866  | (22.00)  | .185 | (4.70)   |    | X -                                | X 79109-8762                      | X -                               |
| 28        | 1.024 | (26.00)  | 1.110 | (28.19)  | .945  | (24.00)  | .185 | (4.70)   |    | X -                                | X 79109-8763                      | X -                               |
| 30        | 1.102 | (28.00)  | 1.188 | (30.19)  | 1.024 | (26.00)  | .185 | (4.70)   |    | 79109-7010                         | 79109-8764                        | X 79109-7065                      |
| 32        | 1.181 | (30.00)  | 1.267 | (32.19)  | 1.102 | (28.00)  | .185 | (4.70)   |    | X -                                | X 79109-8765                      | X -                               |
| 34        | 1.260 | (32.00)  | 1.346 | (34.19)  | 1.181 | (30.00)  | .185 | (4.70)   |    | X -                                | X 79109-8766                      | X -                               |
| 36        | 1.338 | (34.00)  | 1.425 | (36.19)  | 1.260 | (32.00)  | .185 | (4.70)   |    | X -                                | X 79109-8767                      | X -                               |
| 38        | 1.417 | (36.00)  | 1.504 | (38.19)  | 1.338 | (34.00)  | .185 | (4.70)   |    | X -                                | X 79109-8768                      | X -                               |
| 40        | 1.496 | (38.00)  | 1.582 | (40.19)  | 1.417 | (36.00)  | .185 | (4.70)   |    | X -                                | X 79109-8769                      | X -                               |
| 42        | 1.575 | (40.00)  | 1.661 | (42.19)  | 1.496 | (38.00)  | .185 | (4.70)   |    | X -                                | X N.A.                            | X -                               |
| 44        | 1.654 | (42.00)  | 1.740 | (44.19)  | 1.575 | (40.00)  | .185 | (4.70)   |    | 79109-7016                         | X N.A.                            | X -                               |
| 46        | 1.732 | (44.00)  | 1.818 | (46.19)  | 1.654 | (42.00)  | .185 | (4.70)   |    | X -                                | X N.A.                            | X -                               |
| 48        | 1.811 | (46.00)  | 1.897 | (48.19)  | 1.732 | (44.00)  | .185 | (4.70)   |    | X -                                | X N.A.                            | X -                               |
| 50        | 1.890 | (48.00)  | 1.976 | (50.19)  | 1.811 | (46.00)  | .185 | (4.70)   |    | 79109-7015                         | X N.A.                            | X -                               |

"X" INDICATES TOOLING NOT AVAILABLE

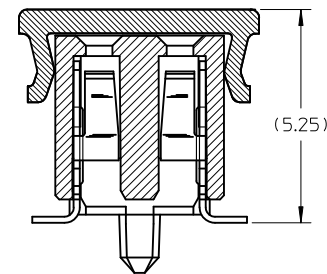
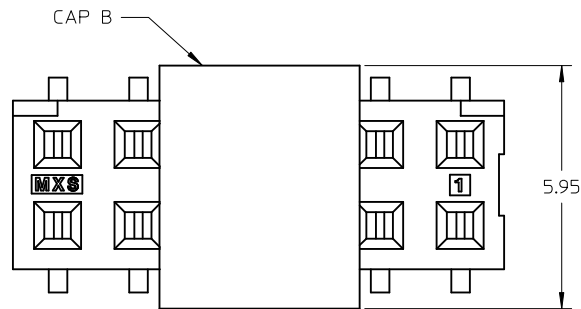
|                                                                               |                                                       |                                                                                                                             |                                       |        |                                                                                                                                  |                           |                    |                                                                                                                                                                          |                           |  |  |  |
|-------------------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--|--|--|
| REVISED<br>EC NO: S2010-0566<br>DRWN:SKANG<br>CHKD:ATSEE<br>APPR:MLONG<br>REV | DESCRIPTION<br>2010/01/05<br>2010/02/03<br>2010/02/19 | QUALITY SYMBOLS<br><div><math>\nabla_A=0</math></div> <div><math>\nabla_C=0</math></div> <div><math>\nabla_P=0</math></div> | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>IN/MM                                                                                                         |                           | SCALE<br>NTS       | DESIGN UNITS<br>INCH                                                                                                                                                     | THIRD ANGLE<br>PROJECTION |  |  |  |
|                                                                               |                                                       |                                                                                                                             |                                       | mm     | INCH                                                                                                                             | DRAWN BY<br>AAB           | DATE<br>1989/05/15 | TITLE<br>2MM DUAL ROW<br>VERTICAL RECEPTACLE, SMT<br><div> MOLEX INCORPORATED</div> |                           |  |  |  |
|                                                                               |                                                       |                                                                                                                             | 4 PLACES                              | ± ---  | ± ---                                                                                                                            | CHECKED BY                | DATE               |                                                                                                                                                                          |                           |  |  |  |
|                                                                               |                                                       |                                                                                                                             | 3 PLACES                              | ± ---  | ± .010                                                                                                                           | MJM                       | 1989/05/15         |                                                                                                                                                                          |                           |  |  |  |
|                                                                               |                                                       |                                                                                                                             | 2 PLACES                              | ± 0.25 | ± .015                                                                                                                           | APPROVED BY               | DATE               |                                                                                                                                                                          |                           |  |  |  |
|                                                                               |                                                       |                                                                                                                             | 1 PLACE                               | ± 0.38 | ± ---                                                                                                                            | MLONG                     | 2010/02/18         | DOCUMENT NO.<br>SDA-79109-****                                                                                                                                           |                           |  |  |  |
|                                                                               |                                                       |                                                                                                                             | ANGULAR ± 3 °                         |        |                                                                                                                                  | MATERIAL NO.<br>SEE TABLE |                    | SHEET NO.<br>8 OF 10                                                                                                                                                     |                           |  |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                    |                                                       |                                                                                                                             | SIZE<br>A3                            |        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                           |                    |                                                                                                                                                                          |                           |  |  |  |



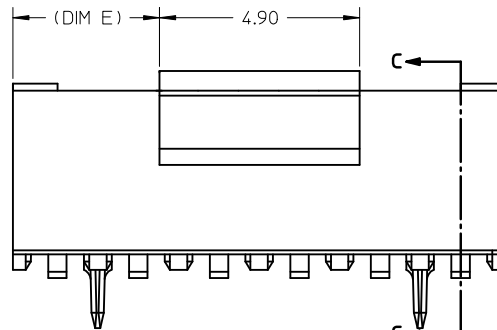
# SPECIAL - ASSEMBLIES WITH CAP B (TAPE PACKED WITH CAP)

## PEG OPTION

| CKT.<br>SIZE | DIM. "A" |         | DIM. "B" |         | DIM. "C" |         | DIM. "D" |        | DIM. "E" |        | ITEM NO.   | PLATING<br>OPTION<br>SEE SHEET 1 |
|--------------|----------|---------|----------|---------|----------|---------|----------|--------|----------|--------|------------|----------------------------------|
|              | INCH     | MM      | INCH     | MM      | INCH     | MM      | INCH     | MM     | INCH     | MM     |            |                                  |
| 8            | .236     | (6.00)  | .322     | (8.19)  | .157     | (4.00)  | .183     | (4.65) | .065     | (1.65) | 79109-9108 | 4                                |
| 18           | .630     | (16.00) | .716     | (18.19) | .551     | (14.00) | .183     | (4.65) | .262     | (6.65) | 79109-9118 | 4                                |



SECTION C-C



|                                                                              |               |                                                                                                        |                                          |                    |                          |                      |                    |                                                                                                                                  |                                |  |                    |  |  |                       |  |
|------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|--------------------------|----------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--|--------------------|--|--|-----------------------|--|
| REVISED<br>EC NO: S2010-0566<br>DRWN:SKANG<br>CHKD:ATSEE<br>APPR:MLONG<br>M6 | DESCRIPTION   | QUALITY<br>SYMBOLS<br><div>F<sub>A</sub>=0</div> <div>F<sub>C</sub>=0</div> <div>F<sub>P</sub>=0</div> | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |                    | DIMENSION STYLE<br>IN/MM |                      | SCALE<br>NTS       | DESIGN UNITS<br>INCH                                                                                                             | THIRD ANGLE<br>PROJECTION      |  |                    |  |  |                       |  |
|                                                                              |               |                                                                                                        |                                          | mm                 | INCH                     | DRAWN BY<br>AAB      | DATE<br>1989/05/15 | TITLE<br>2MM DUAL ROW<br>VERTICAL RECEPTACLE, SMT                                                                                |                                |  |                    |  |  |                       |  |
|                                                                              |               |                                                                                                        | 4 PLACES                                 | ± ---              | ± ---                    | CHECKED BY<br>MJM    | DATE<br>1989/05/15 |                                                                                                                                  |                                |  |                    |  |  |                       |  |
|                                                                              |               |                                                                                                        | 3 PLACES                                 | ± ---              | ± .010                   | APPROVED BY<br>MLONG |                    |                                                                                                                                  |                                |  | DATE<br>2010/02/18 |  |  |                       |  |
|                                                                              |               |                                                                                                        | 2 PLACES                                 | ± 0.25             | ± .015                   |                      |                    |                                                                                                                                  |                                |  |                    |  |  |                       |  |
|                                                                              | 1 PLACE       | ± 0.38                                                                                                 | ± ---                                    | MOLEX INCORPORATED |                          |                      |                    |                                                                                                                                  |                                |  |                    |  |  |                       |  |
|                                                                              | ANGULAR ± 3 ° |                                                                                                        |                                          |                    |                          |                      |                    |                                                                                                                                  | DOCUMENT NO.<br>SDA-79109-**** |  |                    |  |  | SHEET NO.<br>10 OF 10 |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                   |               |                                                                                                        | SIZE<br>A3                               |                    |                          |                      |                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                |  |                    |  |  |                       |  |
| REV                                                                          |               |                                                                                                        |                                          |                    |                          |                      |                    |                                                                                                                                  |                                |  |                    |  |  |                       |  |