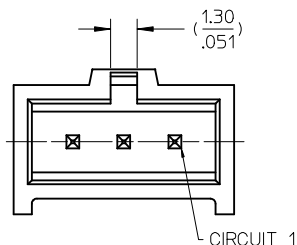
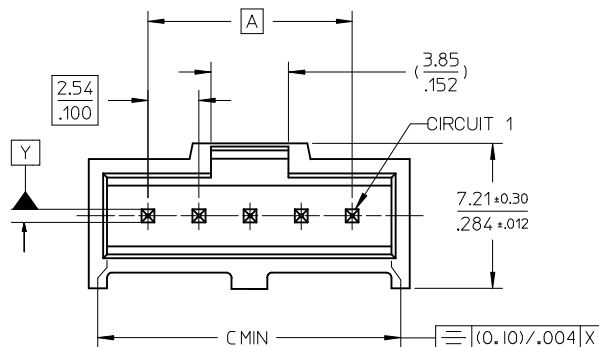


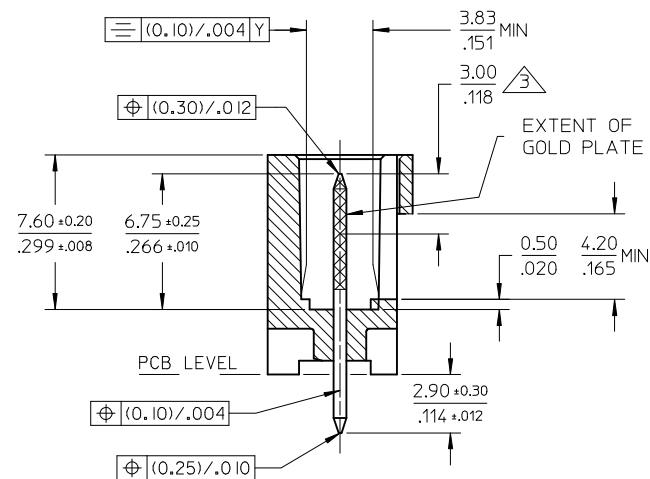
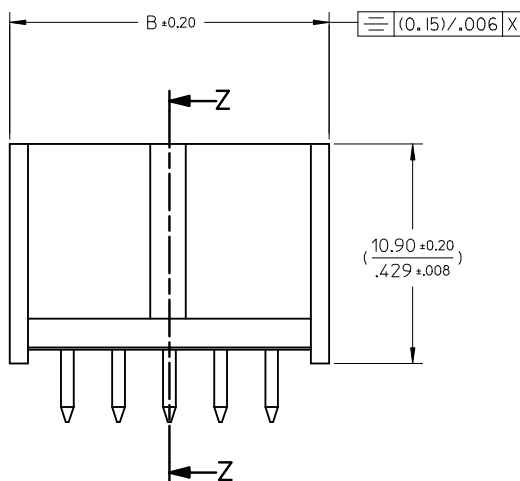
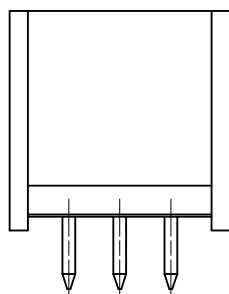
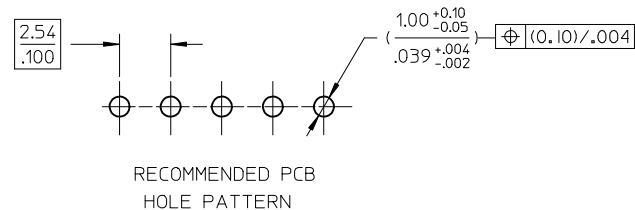
# THROUGH HOLE VERSION (STRAIGHT ASSEMBLY)



1 TO 3 CIRCUITS



4 TO 32 CIRCUITS



## NOTES :

### 1. MATERIALS :

- PIN : (0.650) / .0255 SQ. BRASS WIRE.
- HOUSING : 15% GLASS FILLED POLYESTER
- UL 94V-0 COLOR BLACK

### 2. FOR PLATING VERSIONS, SEE SHEET 2.

### 3. MEASUREMENT POINT FOR MINIMUM PLATING THICKNESS.

### 4. PRODUCT SPEC: PS-99020-0001

### 5. RECOMMENDED PCB THICKNESS 1.6mm

|                |                   |            |
|----------------|-------------------|------------|
| UPDATE DRAWING | EC NO: S2014-0925 | 2014/04/01 |
| DRWN:ATSEE     | 2014/04/17        |            |
| CHKD:FANNYWONG | 2014/04/10        |            |
| APPR:LBLEE     | 2014/04/10        |            |
| REV            |                   |            |

| QUALITY SYMBOLS |
|-----------------|
| F=0             |
| F=0             |
| F=0             |

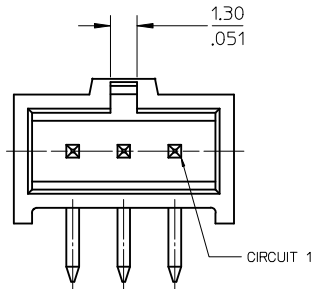
| GENERAL TOLERANCES (UNLESS SPECIFIED)                |        |
|------------------------------------------------------|--------|
|                                                      | mm     |
| 4 PLACES                                             | ± ---  |
| 3 PLACES                                             | ± ---  |
| 2 PLACES                                             | ± 0.10 |
| 1 PLACE                                              | ± ---  |
| 0 PLACE                                              | ± ---  |
| ANGULAR ±1/2°                                        |        |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |        |

| DIMENSION STYLE |           |
|-----------------|-----------|
| MM/IN           | DATE      |
| DRAWN BY        | KS        |
| CHECKED BY      | BEN RIGT  |
| APPROVED BY     | MLONG     |
| MATERIAL NO.    | SEE TABLE |

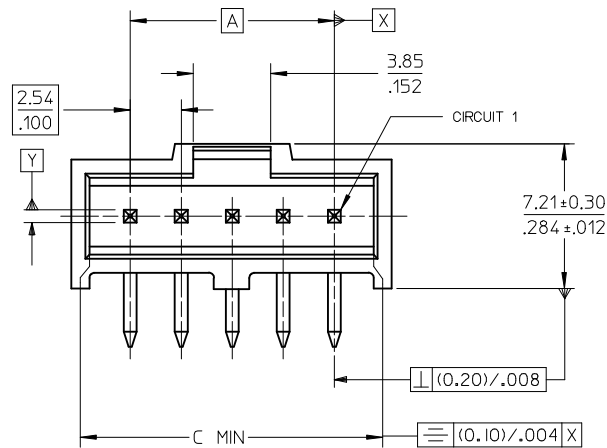
| SCALE                                          | DESIGN UNITS | THIRD ANGLE PROJECTION |
|------------------------------------------------|--------------|------------------------|
| NTS                                            | METRIC       |                        |
| TITLE                                          |              |                        |
| C-GRID III SINGLE ROW STRAIGHT SHROUDED HEADER |              |                        |
| molex                                          |              |                        |
| DOCUMENT NO.                                   | SDA-90136    | SHEET NO. 1 OF 3       |

10 9 8 7 6 5 4 3 2 1

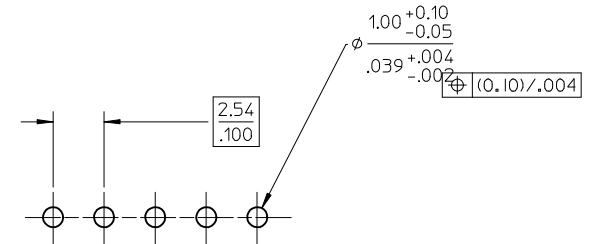
# RIGHT ANGLE VERSION



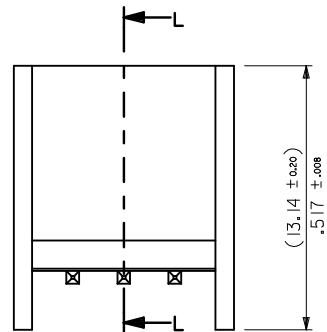
1 TO 3 CIRCUITS



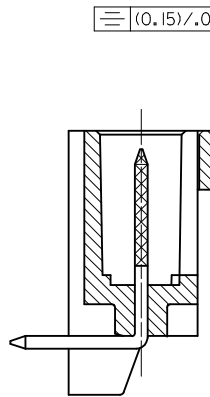
4 TO 32 CIRCUITS



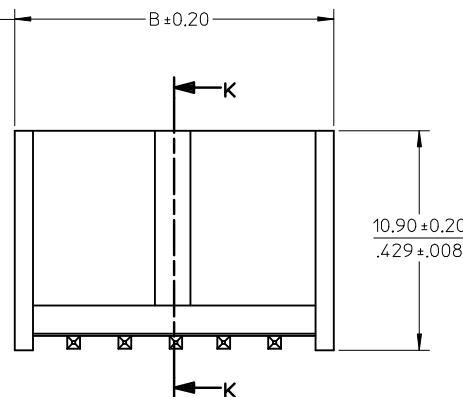
RECOMMENDED PCB PATTERN



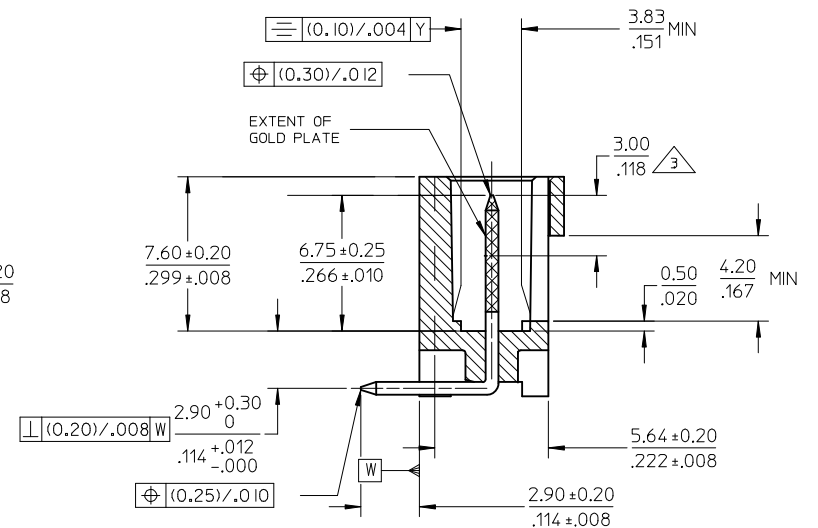
1 TO 6 CIRCUITS



SECTION L-L



7 TO 32 CIRCUITS



SECTION K-K

|                                                                                                                                          |  |                                                            |                                                                                    |                                       |  |                                                                                                                                  |  |            |              |                        |                                                      |  |
|------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|--|------------|--------------|------------------------|------------------------------------------------------|--|
| UPDATE DRAWING<br>EC NO: S2014-0925<br>2014/04/01<br>DRWN:ATSEE<br>2014/04/17<br>CHKD:FANNYONG<br>2014/04/17<br>APPR:LBLEE<br>2014/04/10 |  | DESCRIPTION                                                | QUALITY SYMBOLS                                                                    | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE                                                                                                                  |  | SCALE      | DESIGN UNITS | THIRD ANGLE PROJECTION |                                                      |  |
|                                                                                                                                          |  |                                                            |                                                                                    |                                       |  | MM/IN                                                                                                                            |  | NTS        | METRIC       |                        |                                                      |  |
| AF                                                                                                                                       |  | REV                                                        | <div><div><div>FA=0</div><div>FB=0</div><div>FC=0</div><div>FD=0</div></div></div> |                                       |  | DRAWN BY                                                                                                                         |  | DATE       | TITLE        |                        | C-GRID III SINGLE ROW<br>STRAIGHT SHROUDED<br>HEADER |  |
|                                                                                                                                          |  |                                                            |                                                                                    |                                       |  | KS                                                                                                                               |  | 1987/10/30 |              |                        |                                                      |  |
|                                                                                                                                          |  |                                                            |                                                                                    |                                       |  | CHECKED BY                                                                                                                       |  | DATE       | <b>molex</b> |                        |                                                      |  |
|                                                                                                                                          |  |                                                            |                                                                                    |                                       |  | BENRIGHT                                                                                                                         |  | 2002/08/15 |              |                        |                                                      |  |
|                                                                                                                                          |  |                                                            |                                                                                    |                                       |  | APPROVED BY                                                                                                                      |  | DATE       |              |                        |                                                      |  |
|                                                                                                                                          |  |                                                            |                                                                                    |                                       |  | MLONG                                                                                                                            |  | 2011/04/15 |              |                        |                                                      |  |
|                                                                                                                                          |  |                                                            |                                                                                    |                                       |  |                                                                                                                                  |  |            |              |                        |                                                      |  |
|                                                                                                                                          |  | ANGULAR ±1/2°                                              |                                                                                    | MATERIAL NO.                          |  | DOCUMENT NO.                                                                                                                     |  | SHEET NO.  |              |                        |                                                      |  |
|                                                                                                                                          |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                    | SEE TABLE                             |  | SDA-90136                                                                                                                        |  | 2 OF 3     |              |                        |                                                      |  |
|                                                                                                                                          |  |                                                            |                                                                                    | SIZE A3                               |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |            |              |                        |                                                      |  |

