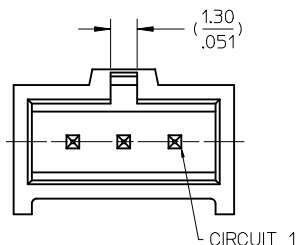
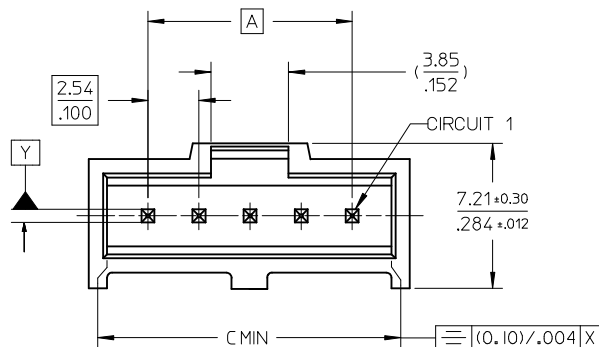


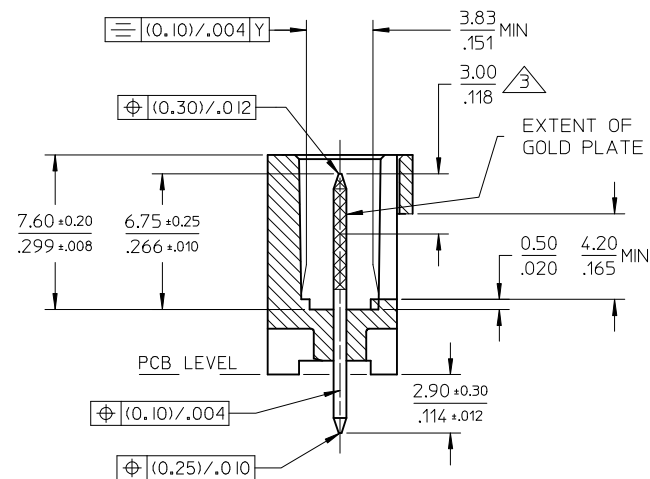
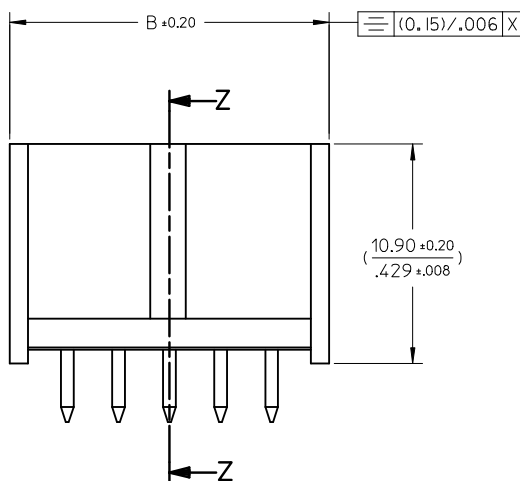
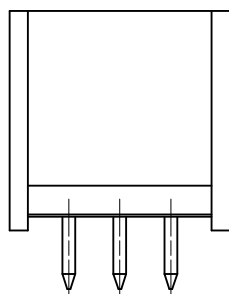
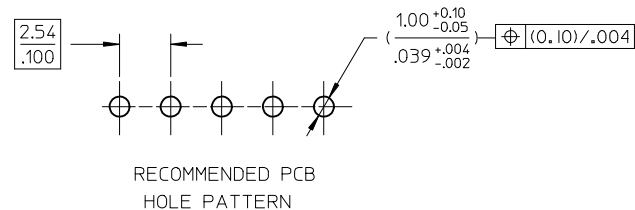
# THROUGH HOLE VERSION (STRAIGHT ASSEMBLY)



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 | 2014/04/17 | 2014/04/10 |
| DRWN:ATSEE     | CHKD:FANNYWONG    | APPR:LBLEE |            |            |
| AF             |                   |            |            |            |

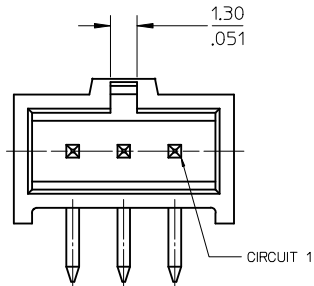
| QUALITY SYMBOLS | DESCRIPTION |
|-----------------|-------------|
| F=0             |             |
| F=0             |             |
| F=0             |             |

| GENERAL TOLERANCES (UNLESS SPECIFIED)                | mm     | INCH   |
|------------------------------------------------------|--------|--------|
| 4 PLACES                                             | ± ---  | ± ---  |
| 3 PLACES                                             | ± ---  | ± .004 |
| 2 PLACES                                             | ± 0.10 | ± ---  |
| 1 PLACE                                              | ± ---  | ± ---  |
| 0 PLACE                                              | ±      | ±      |
| ANGULAR ±1/2°                                        |        |        |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |        |        |

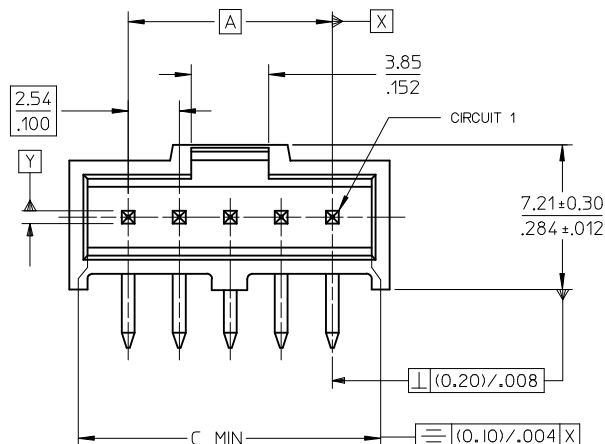
| DIMENSION STYLE | SCALE      | DESIGN UNITS                                   | THIRD ANGLE PROJECTION |
|-----------------|------------|------------------------------------------------|------------------------|
| MM/IN           | NTS        | METRIC                                         |                        |
| DRAWN BY        | DATE       | TITLE                                          |                        |
| KS              | 1987/10/30 | C-GRID III SINGLE ROW STRAIGHT SHROUDED HEADER |                        |
| CHECKED BY      | DATE       |                                                |                        |
| BENRIGHT        | 2002/08/15 |                                                |                        |
| APPROVED BY     | DATE       |                                                |                        |
| MLONG           | 2011/04/15 |                                                |                        |
| MATERIAL NO.    |            |                                                |                        |
| SEE TABLE       |            |                                                |                        |

|                                                                                                                               |           |
|-------------------------------------------------------------------------------------------------------------------------------|-----------|
| DOCUMENT NO.                                                                                                                  | SHEET NO. |
| SDA-90136                                                                                                                     | 1 OF 3    |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |           |

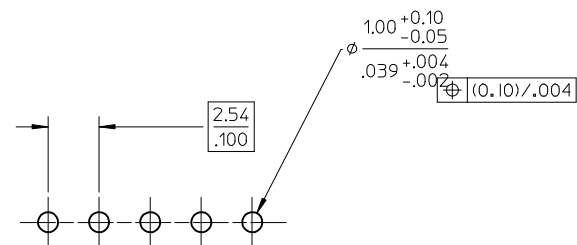
# RIGHT ANGLE VERSION



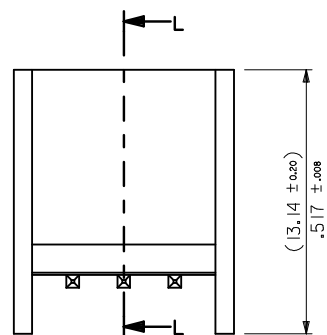
1 TO 3 CIRCUITS



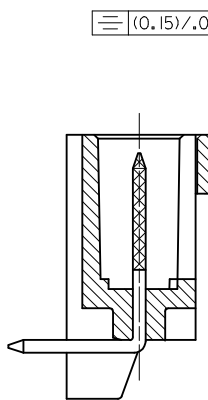
4 TO 32 CIRCUITS



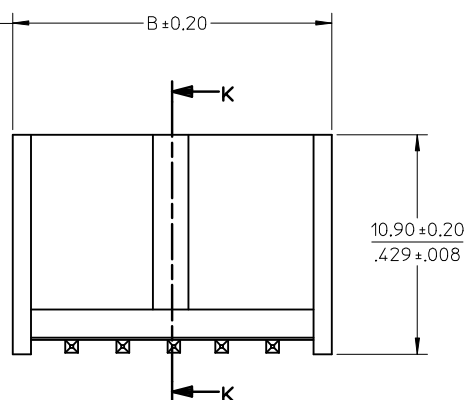
RECOMMENDED PCB PATTERN



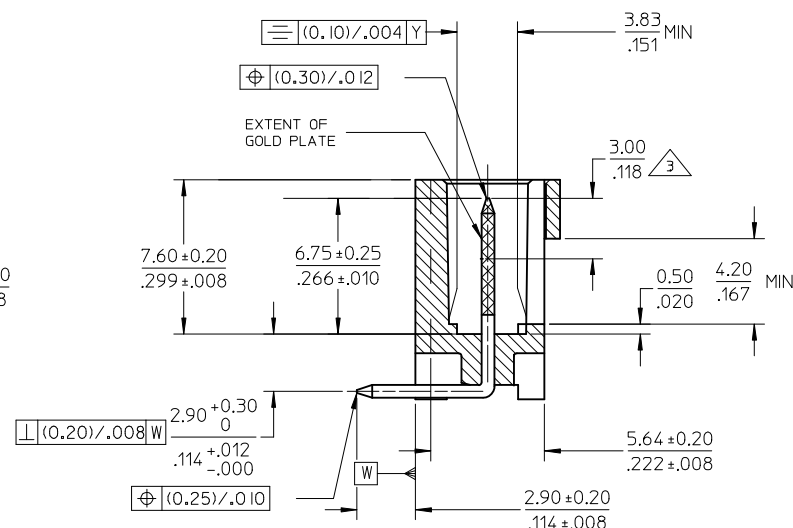
1 TO 6 CIRCUITS



SECTION L-L



7 TO 32 CIRCUITS



SECTION K-K

|                                                                                  |  |                                        |  |             |                                                                    |                                                                                                                               |  |                 |     |                                                                               |              |                           |  |                     |  |
|----------------------------------------------------------------------------------|--|----------------------------------------|--|-------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--|-----------------|-----|-------------------------------------------------------------------------------|--------------|---------------------------|--|---------------------|--|
| UPDATE DRAWING<br>EC NO: S2014-0925<br>DRWN:ATSEE<br>CHKD:FANNYONG<br>APPR:LBLEE |  | 2014/04/01<br>2014/04/17<br>2014/04/10 |  | DESCRIPTION | QUALITY SYMBOLS<br><div>FA=0</div> <div>FG=0</div> <div>FP=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                         |  | DIMENSION STYLE |     | SCALE                                                                         | DESIGN UNITS | THIRD ANGLE PROJECTION    |  |                     |  |
|                                                                                  |  |                                        |  |             |                                                                    |                                                                                                                               |  | MM/IN           | NTS | METRIC                                                                        |              |                           |  |                     |  |
| AF                                                                               |  | REV                                    |  |             |                                                                    | mm                                                                                                                            |  | DRAWN BY        |     | TITLE<br>C-GRID III SINGLE ROW<br>STRAIGHT SHROUDED<br>HEADER<br><b>molex</b> |              | DOCUMENT NO.<br>SDA-90136 |  | SHEET NO.<br>2 OF 3 |  |
|                                                                                  |  |                                        |  |             |                                                                    | INCH                                                                                                                          |  | DATE            |     |                                                                               |              |                           |  |                     |  |
|                                                                                  |  |                                        |  |             |                                                                    | 4 PLACES ± --- ± ---                                                                                                          |  | KS 1987/10/30   |     |                                                                               |              |                           |  |                     |  |
|                                                                                  |  |                                        |  |             |                                                                    | 3 PLACES ± --- ± .004                                                                                                         |  | CHECKED BY      |     |                                                                               |              |                           |  |                     |  |
|                                                                                  |  |                                        |  |             |                                                                    | 2 PLACES ± 0.10 ± ---                                                                                                         |  | DATE            |     |                                                                               |              |                           |  |                     |  |
|                                                                                  |  |                                        |  |             |                                                                    | 1 PLACE ± --- ± ---                                                                                                           |  | BENRIGHT        |     | 2002/08/15                                                                    |              |                           |  |                     |  |
|                                                                                  |  |                                        |  |             |                                                                    | 0 PLACE ± ±                                                                                                                   |  | APPROVED BY     |     |                                                                               |              |                           |  |                     |  |
|                                                                                  |  |                                        |  |             |                                                                    |                                                                                                                               |  | DATE            |     |                                                                               |              |                           |  |                     |  |
|                                                                                  |  |                                        |  |             |                                                                    |                                                                                                                               |  | MLONG           |     |                                                                               |              |                           |  |                     |  |
|                                                                                  |  |                                        |  |             |                                                                    |                                                                                                                               |  | 2011/04/15      |     |                                                                               |              |                           |  |                     |  |
|                                                                                  |  |                                        |  |             |                                                                    | ANGULAR ±1/2°                                                                                                                 |  | MATERIAL NO.    |     | SEE TABLE                                                                     |              |                           |  |                     |  |
|                                                                                  |  |                                        |  |             |                                                                    | DRAFT WHERE APPLICABLE                                                                                                        |  |                 |     |                                                                               |              |                           |  |                     |  |
|                                                                                  |  |                                        |  |             |                                                                    | MUST REMAIN WITHIN DIMENSIONS                                                                                                 |  | SIZE A3         |     |                                                                               |              |                           |  |                     |  |
|                                                                                  |  |                                        |  |             |                                                                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                 |     |                                                                               |              |                           |  |                     |  |



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