



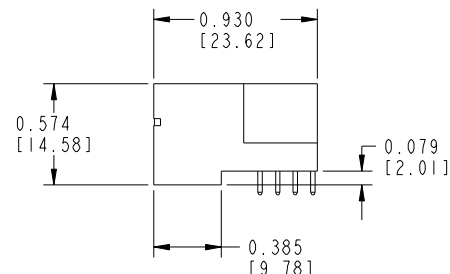
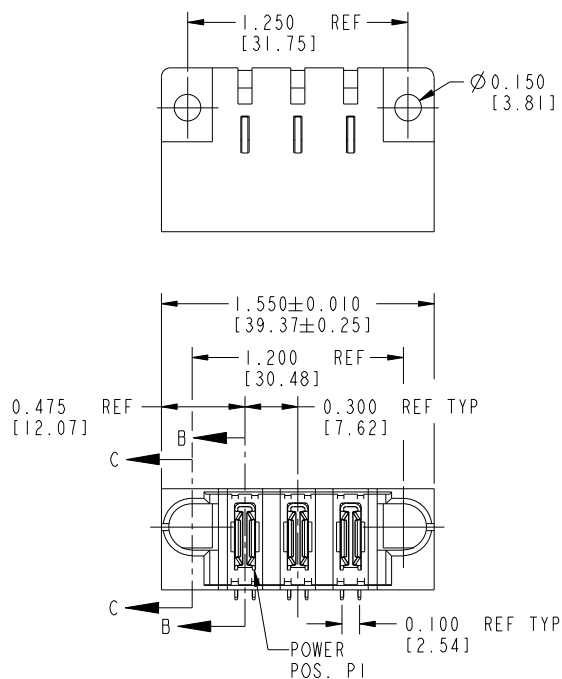
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| CODE | CONTACT TYPE |
|------|--------------|
| PA   | POWER        |

| PRODUCT No. | ROWS             | POWER |    |    |    |    |
|-------------|------------------|-------|----|----|----|----|
|             |                  | E1    | P1 | P2 | P3 | E2 |
| 51812-001   | D<br>C<br>B<br>A |       | PA | PA | PA |    |

Note: ①



| mat'l code  |                |       |          | NOTE 1 |  | tolerances unless otherwise specified |                        | CUSTOMER COPY |     | FCI                       |      | www.fciconnect.com |           |
|-------------|----------------|-------|----------|--------|--|---------------------------------------|------------------------|---------------|-----|---------------------------|------|--------------------|-----------|
| litr        | ecn no.        | dr    | date     |        |  | linear                                | .XX±.01/0.X±0.3        | projection    |     | title                     | 3ACP | product family     | PwrBlade  |
| A           | V12104         | JWS   | 7/23/01  |        |  |                                       | .XXX±.005/0.XX±0.13    |               |     | RIGHT ANGLE SOLDER HEADER |      | size               | 213       |
| B           | DG05-0125      | GuoJM | 05/20/05 |        |  |                                       | .XXX±.0020/0.XXX±0.051 |               |     |                           |      | dwg no             | 51812-001 |
| C           | DG07-0396      | SH    | 10/08/07 |        |  | angles                                | 0°±2°                  |               |     |                           |      | sheet              | 1 OF 2    |
|             |                |       |          |        |  | dr                                    | J. SHAFFER 7/23/01     | INCH/MM       |     |                           |      |                    |           |
|             |                |       |          |        |  | enrg                                  | E. TREECE 7/23/01      | scale         | 1:1 |                           |      |                    |           |
|             |                |       |          |        |  | chr                                   | E. TREECE 7/23/01      |               |     |                           |      |                    |           |
|             |                |       |          |        |  | appd                                  | E. TREECE 7/23/01      |               |     |                           |      |                    |           |
| sheet index | revision sheet | C     | C        |        |  |                                       |                        |               |     |                           |      |                    |           |
|             |                | I     | 2        |        |  |                                       |                        |               |     |                           |      |                    |           |

Pro/E

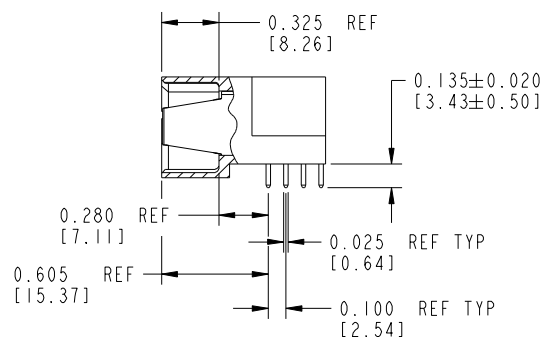
cage code 22526

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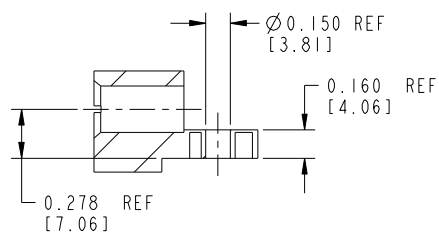


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PRODUCT NUMBER  
51812-001--  
Note: ①



SECTION B-B



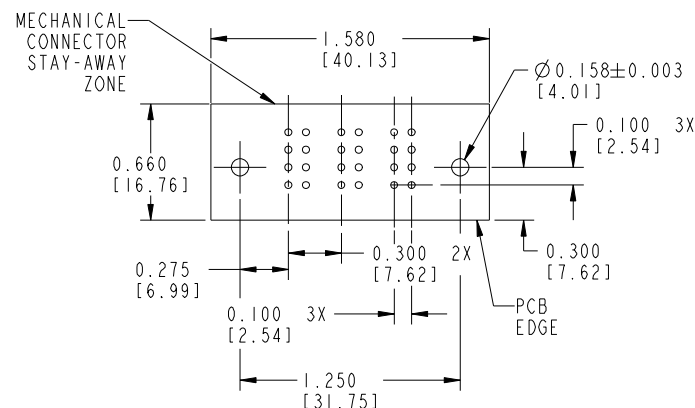
SECTION C-C

CONNECTOR NOTES:

- ① FOR ADDITIONAL INFORMATION, REFER TO DRAWING NUMBER 51812.

PCB NOTES:

2. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
3. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
4. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
5. Ø0.158[4.01] THROUGH HOLES ARE UNPLATED
6. Ø0.0453±0.0010 [1.151±0.025] DRILLED HOLES PLATED WITH 0.0003 [0.008] MIN SnPb or Sn OVER 0.001 [0.03] TO 0.003 [0.08] Cu PLATING TO ACHIEVE A Ø&d853:SUPP\_51552-001-PCB HOLE.



RECOMMENDED PCB LAYOUT

| NOTE 1      |         |                |      | Tolerances unless otherwise specified |                        | CUSTOMER COPY |  | FCI                       |  |
|-------------|---------|----------------|------|---------------------------------------|------------------------|---------------|--|---------------------------|--|
| litr        | ecr no. | dr             | date | linear                                | .XX±.01/0.X±0.3        | projection    |  | www.fciconnect.com        |  |
| c           |         |                |      | angles                                | .XXX±.005/0.XX±0.13    |               |  | title 3ACP                |  |
|             |         |                |      |                                       | .XXX±.0020/0.XXX±0.051 |               |  | RIGHT ANGLE SOLDER HEADER |  |
|             |         |                |      | dr                                    | J. SHAFFER 7/23/01     | INCH/MM       |  | product family PwrBlade   |  |
|             |         |                |      | enr                                   | E. TREECE 7/23/01      | scale         |  | size dwg no 51812-001     |  |
|             |         |                |      | chr                                   | E. TREECE 7/23/01      | 1:1           |  | code 213                  |  |
|             |         |                |      | appd                                  | E. TREECE 7/23/01      |               |  | sheet 2                   |  |
| sheet index |         | revision sheet |      |                                       |                        |               |  | cage code 22526           |  |

Pro/E

3

cage code 22526

4

# Mouser Electronics

Authorized Distributor

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FCI:

[51812-001LF](#) [51812-001](#)