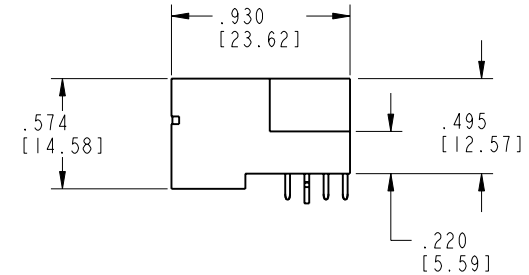
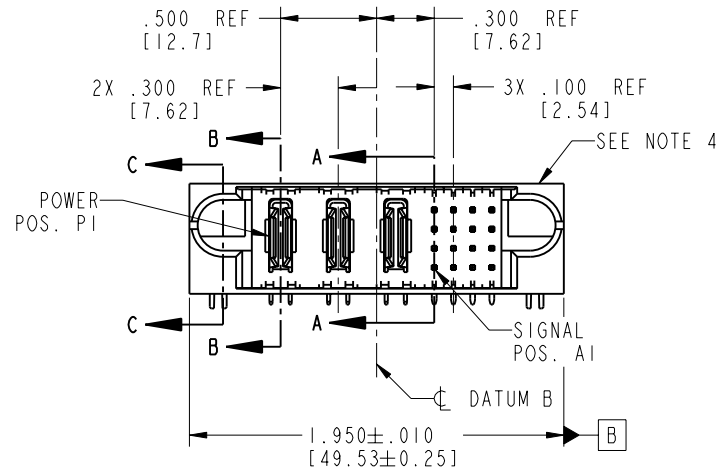


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| PRODUCT NO.            | ROWS             | POWER |    |    |    | SIGNAL |      |      |      |
|------------------------|------------------|-------|----|----|----|--------|------|------|------|
|                        |                  | E1    | P1 | P2 | P3 | 1      | 2    | 3    | 4    |
| 51824-002--<br>NOTE: 3 | D<br>C<br>B<br>A |       | PA | PA | PA | UUUU   | TTTT | SSSS | RRRR |



| CODE | DIM "M"<br>MATING<br>LENGTH | CONTACT<br>TYPE |
|------|-----------------------------|-----------------|
| R    | .270 [6.86]                 | SIGNAL          |
| S    | .270 [6.86]                 | SIGNAL          |
| T    | .270 [6.86]                 | SIGNAL          |
| U    | .270 [6.86]                 | SIGNAL          |
| PA   | N/A [N/A]                   | POWER           |
| HA   | N/A [N/A]                   | HOLD-DOWN       |

|             |                |  |     |            |        |                        |  |                                          |  |         |  |          |  |                |  |                                                                     |  |           |  |
|-------------|----------------|--|-----|------------|--------|------------------------|--|------------------------------------------|--|---------|--|----------|--|----------------|--|---------------------------------------------------------------------|--|-----------|--|
| mat'l code  |                |  |     | SEE NOTE 2 |        |                        |  | tolerances unless<br>otherwise specified |  |         |  | CUSTOMER |  |                |  | <div><div>A</div><div>FCI</div></div> <div>www.fciconnect.com</div> |  |           |  |
| lfr         | ecn no.        |  | dr  | date       | linear | .XX±.01/0.X±0.3        |  |                                          |  | COPY    |  |          |  | projection     |  |                                                                     |  |           |  |
| A           | V03-1259       |  | TAB | 11/26/03   |        | .XXX±.005/0.XX±0.13    |  |                                          |  |         |  |          |  |                |  |                                                                     |  |           |  |
| B           | DG05-0572      |  | JMG | 01/04/06   |        | .XXX±.0020/0.XXX±0.051 |  |                                          |  |         |  |          |  |                |  |                                                                     |  |           |  |
|             |                |  |     |            | angles | 0°±2°                  |  |                                          |  |         |  |          |  | title          |  |                                                                     |  |           |  |
|             |                |  |     |            | dr     | T. BRUNGARD            |  | 11/26/03                                 |  | INCH/MM |  |          |  | 3P + 16S       |  |                                                                     |  |           |  |
|             |                |  |     |            | enqr   | M. GRAY                |  | 11/26/03                                 |  |         |  |          |  | product family |  |                                                                     |  |           |  |
|             |                |  |     |            | chr    | M. GRAY                |  | 11/26/03                                 |  | scale   |  |          |  | size           |  | dwg no                                                              |  |           |  |
|             |                |  |     |            | appd   | M. GRAY                |  | 11/26/03                                 |  |         |  |          |  | 1:1            |  | A                                                                   |  | 51824-002 |  |
| sheet index | revision sheet |  | B   | B          | B      | B                      |  |                                          |  |         |  |          |  |                |  |                                                                     |  |           |  |
|             |                |  | 1   | 2          | 3      | 4                      |  |                                          |  |         |  |          |  |                |  |                                                                     |  |           |  |
|             |                |  |     |            |        |                        |  |                                          |  |         |  |          |  |                |  |                                                                     |  |           |  |

cage code 22526

Pro/E

3

4

PDM: Rev:B

STATUS: Released

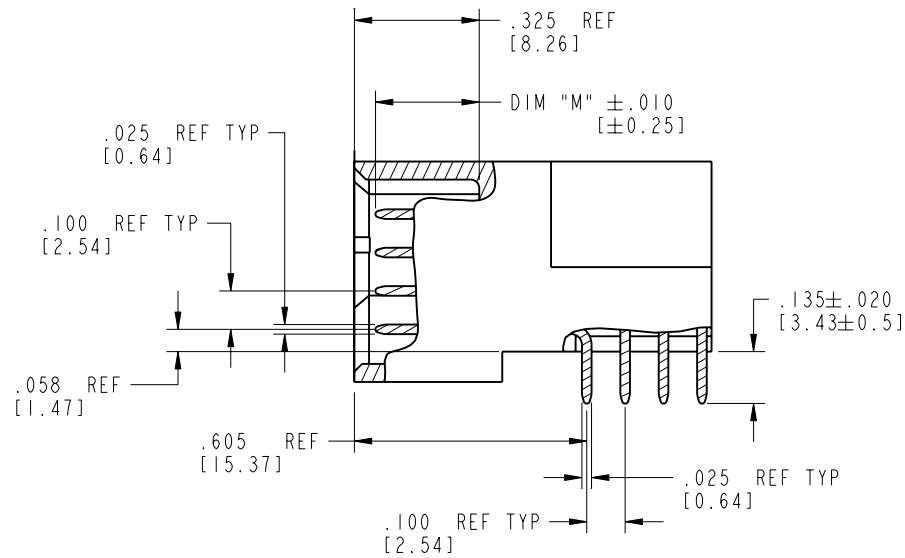
Printed: Dec 20, 2010

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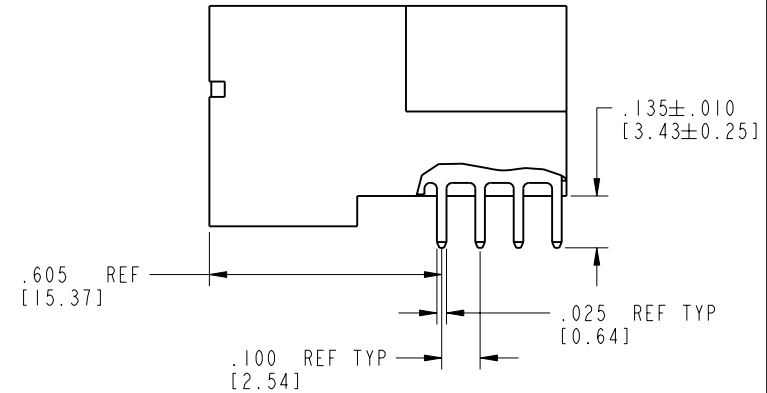
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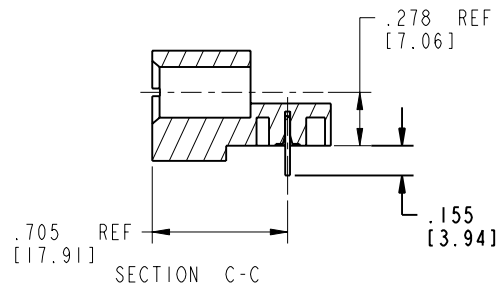
PRODUCT NUMBER  
51824-002--  
NOTE: 3



BROKEN-OUT SECTION A-A  
SCALE 2:1



BROKEN-OUT SECTION B-B  
SCALE 2:1



SECTION C-C

|             |                |    |      |            |                        |                                          |                                                         |          |                                                                                                                                                                                                           |                                                                    |  |
|-------------|----------------|----|------|------------|------------------------|------------------------------------------|---------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--|
| mat'l code  |                |    |      | SEE NOTE 2 |                        | tolerances unless<br>otherwise specified |                                                         | CUSTOMER |                                                                                                                                                                                                           | <div><div>A</div><div>FCI</div><div>www.fciconnect.com</div></div> |  |
| lfr         | ecm no.        | dr | date | linear     | .XX±.01/0.X±0.3        |                                          | COPY                                                    |          | <div>title3P + 16S</div> <div>RIGHT ANGLE SOLDER HEADER</div> <div>product familyPwrBlade</div> <div>size<div>A</div>dwg no<div>51824-002</div></div> <div>code<div>213</div>sheet<div>2 of 4</div></div> |                                                                    |  |
| B           |                |    |      |            | .XXX±.005/0.XX±0.13    |                                          | projection                                              |          |                                                                                                                                                                                                           |                                                                    |  |
|             |                |    |      |            | .XXX±.0020/0.XXX±0.051 |                                          | <div><div><div></div><div></div></div><div></div></div> |          |                                                                                                                                                                                                           |                                                                    |  |
|             |                |    |      | angles     | 0°±2°                  |                                          | INCH/MM                                                 |          |                                                                                                                                                                                                           |                                                                    |  |
|             |                |    |      | dr         | T. BRUNGARD 11/26/03   |                                          | scale                                                   |          |                                                                                                                                                                                                           |                                                                    |  |
|             |                |    |      | engr       | M. GRAY 11/26/03       |                                          | 1:1                                                     |          |                                                                                                                                                                                                           |                                                                    |  |
|             |                |    |      | chr        | M. GRAY 11/26/03       |                                          |                                                         |          |                                                                                                                                                                                                           |                                                                    |  |
|             |                |    |      | appd       | M. GRAY 11/26/03       |                                          |                                                         |          |                                                                                                                                                                                                           |                                                                    |  |
| sheet index | revision sheet |    |      |            |                        |                                          |                                                         |          |                                                                                                                                                                                                           |                                                                    |  |

cage code 22526

Pro/E

Printed: Dec 20, 2010

PRODUCT NUMBER  
51824-002--  
NOTE: 3

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH  
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED

HIGH-TEMP THERMOPLASTIC

POWER CONTACT MATERIAL: COPPER ALLOY

SIGNAL PIN MATERIAL: COPPER ALLOY

3. 51824-002;51824-002LF;51824-002GLF PLATING SPEC. SEE PRINT:10064183

4. MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON  
THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.  
APPLICATION SPECIFICATION BUS-20-067.

6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

9.  $\varnothing.0453 \pm .0010$  [1.151  $\pm$  0.025] DRILLED HOLES PLATED WITH  
.0003 [0.008] MIN SnPb OVER .001 [0.03]  
TO .003 [0.08] Cu PLATING TO ACHIEVE  
 $\varnothing.040 \pm .003$  [1.02  $\pm$  .07] HOLE.

10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11. CONNECTOR KEEP-OUT ZONE.

| mat'l code  |          |       |      | SEE NOTE 2 |             | tolerances unless otherwise specified |  | CUSTOMER   |  | <b>A</b><br><b>FCI</b>    |           | www.fciconnect.com |        |
|-------------|----------|-------|------|------------|-------------|---------------------------------------|--|------------|--|---------------------------|-----------|--------------------|--------|
| lfr         | ecn no.  | dr    | date |            |             |                                       |  | COPY       |  |                           |           |                    |        |
| B           |          |       |      | linear     |             | .XX $\pm$ .01/0.X $\pm$ 0.3           |  | projection |  | title                     | 3P + 16S  |                    |        |
|             |          |       |      |            |             | .XXX $\pm$ .005/0.XX $\pm$ 0.13       |  |            |  | RIGHT ANGLE SOLDER HEADER |           |                    |        |
|             |          |       |      | angles     |             | .XXX $\pm$ .0020/0.XXX $\pm$ 0.051    |  |            |  | product family            | PwrBlade  | code               | 213    |
|             |          |       |      | dr         | T. BRUNGARD | 11/26/03                              |  | INCH/MM    |  | size                      | dwg no    | sheet              | 4 of 4 |
|             |          |       |      | engr       | M. GRAY     | 11/26/03                              |  | scale      |  | A                         | 51824-002 |                    |        |
|             |          |       |      | chr        | M. GRAY     | 11/26/03                              |  |            |  |                           |           |                    |        |
|             |          |       |      | appd       | M. GRAY     | 11/26/03                              |  |            |  |                           |           |                    |        |
| sheet index | revision | sheet |      |            |             |                                       |  |            |  |                           |           |                    |        |