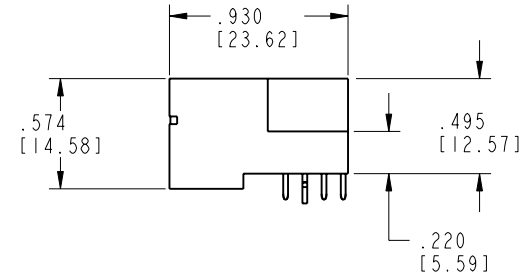
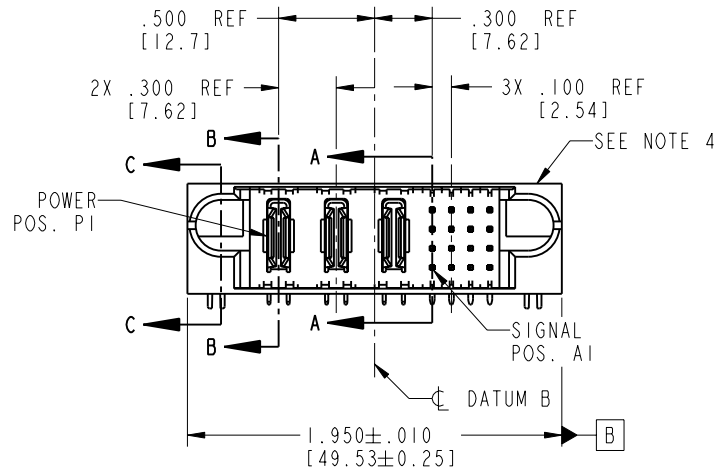
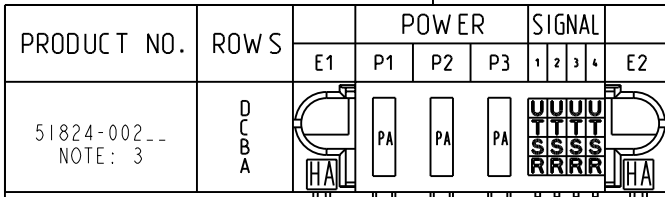


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| CODE | DIM "M" MATING LENGTH | CONTACT TYPE |
|------|-----------------------|--------------|
| R | .270 [6.86] | SIGNAL |
| S | .270 [6.86] | SIGNAL |
| T | .270 [6.86] | SIGNAL |
| U | .270 [6.86] | SIGNAL |
| PA | N/A [N/A] | POWER |
| HA | N/A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

| | | | | | | | | | |
|-----------------------|----------------|-----|----------|---------------------------------------|--------|------------|--|---------------------------|-----------|
| mat'l code SEE NOTE 2 | | | | tolerances unless otherwise specified | | CUSTOMER | | www.fciconnect.com | |
| ltr | ecn no. | dr | date | linear | angles | COPY | | | |
| A | V03-1259 | TAB | 11/26/03 | .XX±.01/0.XX±0.13 | 0°±2° | projection | | title | 3P + 16S |
| B | DG05-0572 | JMG | 01/04/06 | .XXX±.005/0.XXX±0.13 | | INCH/MM | | RIGHT ANGLE SOLDER HEADER | |
| | | | | .XXX±.0020/0.XXX±0.051 | | scale | | product family | PwrBlade |
| | | | | | | 1:1 | | code | 213 |
| | | | | | | | | size | dwg no |
| | | | | | | | | A | 51824-002 |
| sheet index | revision sheet | B | B | B | B | | | sheet | 1 of 4 |
| 1 | 2 | 3 | 4 | | | | | | |

1 | 2

Pro/E

3 |

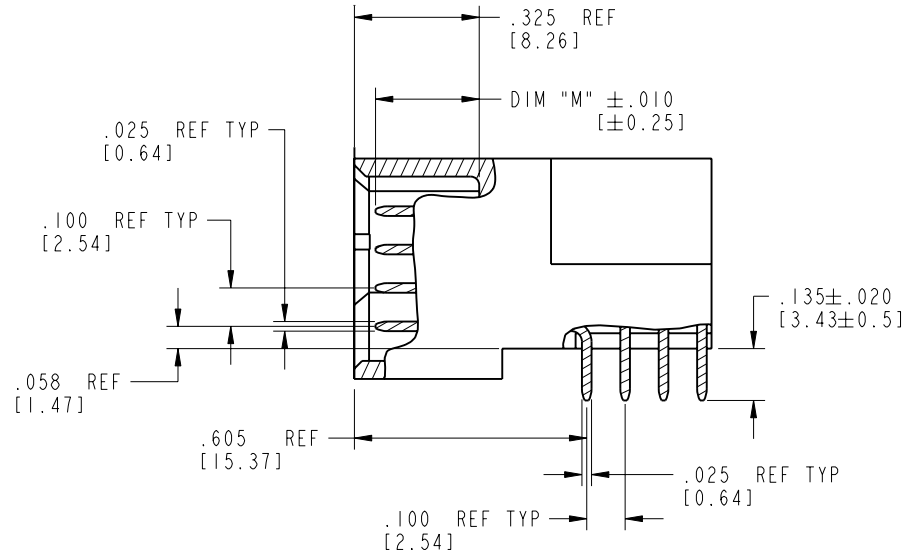
cage code 22526

4

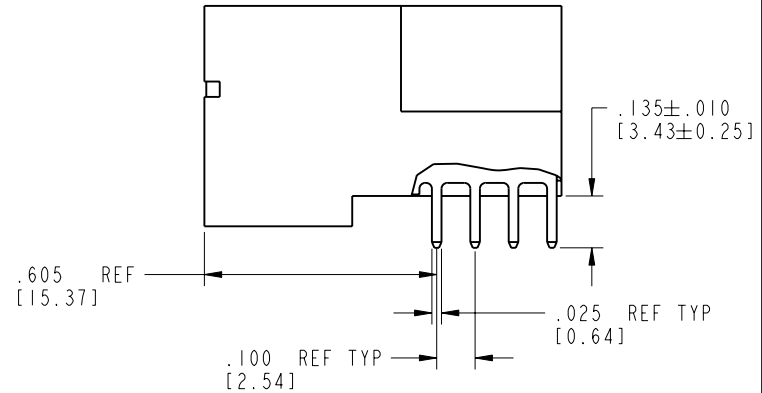
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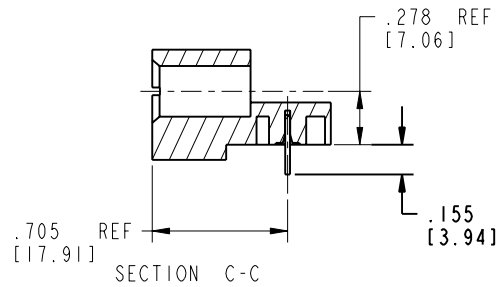
PRODUCT NUMBER
51824-002--
NOTE: 3



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 otherwise specified | | CUSTOMER | | www.fciconnect.com | |
| lfr | ecr no. | dr | date | linear | .XX±.01/0.X±0.3 | COPY | | | |
| B | | | | linear | .XXX±.005/0.XX±0.13 | projection | | title | 3P + 16S |
| | | | | angles | .XXX±.0020/0.XXX±0.051 | | | RIGHT ANGLE SOLDER HEADER | |
| | | | | dr | T. BRUNGARD 11/26/03 | INCH/MM | | product family | PwrBlade |
| | | | | engr | M. GRAY 11/26/03 | scale | | code | 213 |
| | | | | chr | M. GRAY 11/26/03 | 1:1 | | size | dwg no |
| | | | | appd | M. GRAY 11/26/03 | | | A | 51824-002 |
| sheet index | revision sheet | | | | | | | sheet | 2 of 4 |

cage code 22526

Pro/E

PDM: Rev:B

STATUS: Released

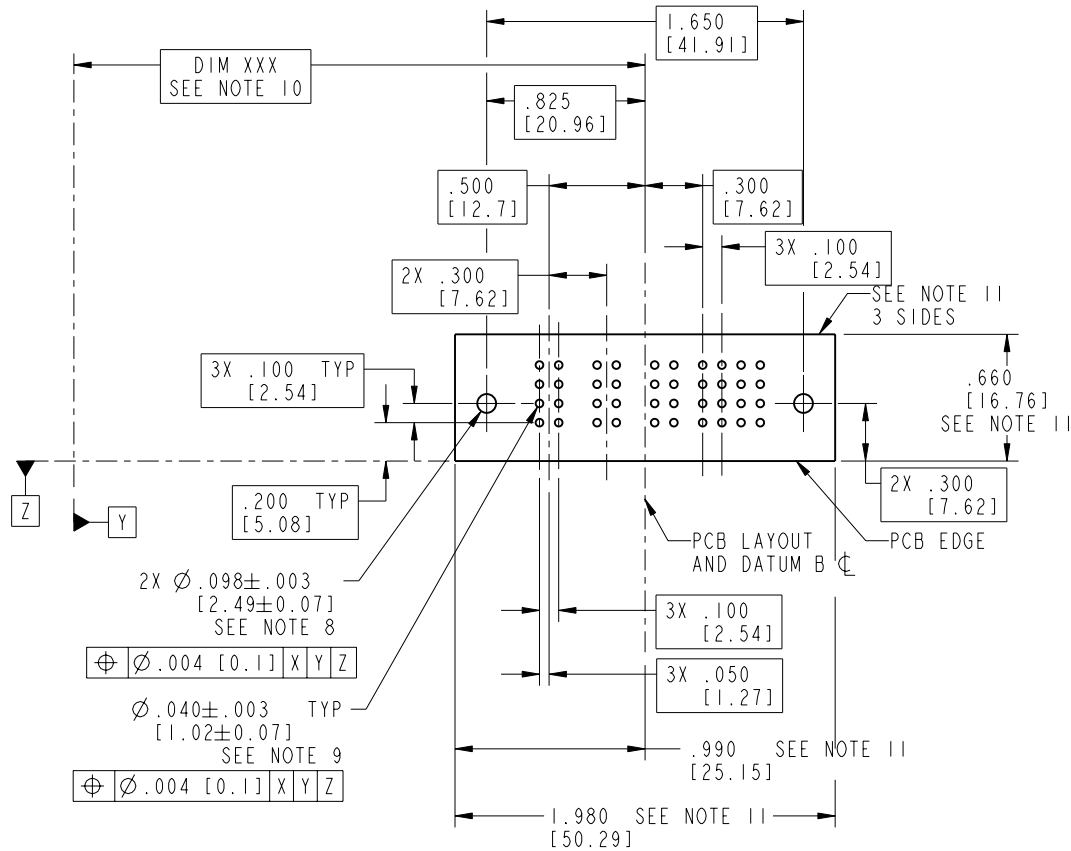
Printed: Dec 20, 2010

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PRODUCT NUMBER

51824-002--
NOTE: 3



RECOMMENDED PCB LAYOUT

| | | | | | | | | | | | | |
|-------------|----------------|----|------|------------|---------------------|---------------------------------------|---------|----------|---|--------------------------------------|--|--|
| mat'l code | | | | SEE NOTE 2 | | tolerances unless otherwise specified | | CUSTOMER | | www.fciconnect.com | | |
| lfr | ecn no. | dr | date | linear | .XX±.01/0.X±0.3 | | COPY | | title 3P + 16S RIGHT ANGLE SOLDER HEADER | | | |
| B | | | | | .XXX±.005/0.XX±0.13 | | INCH/MM | | product family PwrBlade code 213 | | | |
| | | | | | angles | .XXX±.0020/0.XXX±0.051 | | scale | | size dwg no A 51824-002 sheet 3 of 4 | | |
| | | | | | dr | 0° ± 2° | | 1:1 | | | | |
| | | | | | enrg | T. BRUNGARD 11/26/03 | | | | | | |
| | | | | chr | M. GRAY 11/26/03 | | | | | | | |
| | | | | appd | M. GRAY 11/26/03 | | | | | | | |
| sheet index | revision sheet | | | | | | | | | cage code 22526 | | |

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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 | | www.fciconnect.com | |
| lfr | ecn no. | dr | date | linear | .XX±.01/0.X±0.3 | COPY | | | |
| B | | | | projection | .XXX±.005/0.XX±0.13 | | | title | 3P + 16S |
| | | | | angles | .XXX±.0020/0.XXX±0.051 | | | RIGHT ANGLE SOLDER HEADER | |
| | | | | dr | T. BRUNGARD 11/26/03 | INCH/MM | | product family | PwrBlade |
| | | | | engr | M. GRAY 11/26/03 | | | code | 213 |
| | | | | 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 | | | | | | | sheet | 4 of 4 |

coge code 22526

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