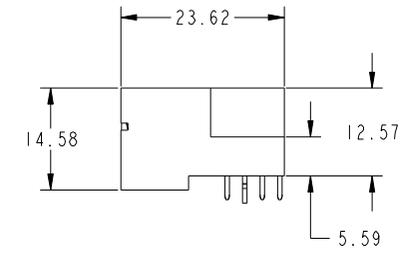
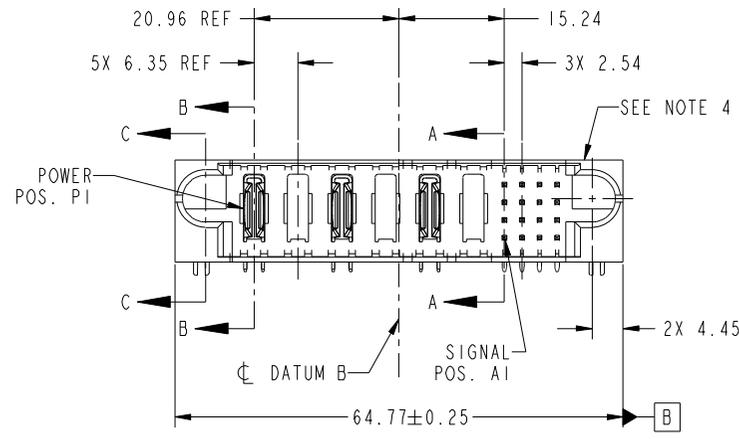
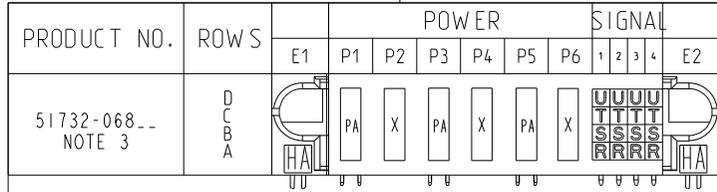


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| CODE | DIM "M" MATING LENGTH | CONTACT TYPE |
|------|-----------------------|--------------|
| U | [6.86] | SIGNAL |
| T | [6.86] | SIGNAL |
| S | [6.86] | SIGNAL |
| R | [6.86] | SIGNAL |
| PA | [N/A] | POWER |
| HA | [N/A] | HOLD-DOWN |
| X |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

| | | | | | | | | | | | |
|-------------|----------------|----|----------|----------|-------------|---------------------------------------|------------|---|--------------------|-----------|--|
| mat'l code | | | | SEE NOTE | | tolerances unless otherwise specified | | CUSTOMER | | FCI | |
| ltr | ecn no. | dr | date | linear | | 0.X ±0.5 | COPY | | www.fciconnect.com | | |
| A | DG10-0446 | XQ | 12/11/10 | angles | | 0.XX ±0.25 | projection | title 6P + 16S RIGHT ANGLE SOLDER HEADER | | | |
| | | | | | | 0.XXX ±0.1 | | product family PwrBlade code 213 | | | |
| | | | | dr | XQ WANG | 12/04/10 | | size | dwg no | 51732-068 | |
| | | | | enr | JEROME CHEN | 12/04/10 | scale | A | sheet 1 of 4 | | |
| | | | | chr | PM ZHENG | 12/04/10 | 1:1 | | | | |
| | | | | appd | JOSEPH HSIA | 12/04/10 | | | | | |
| sheet index | revision sheet | A | A | A | A | A | | | | | |
| | | 1 | 2 | 3 | 4 | | | | | | |

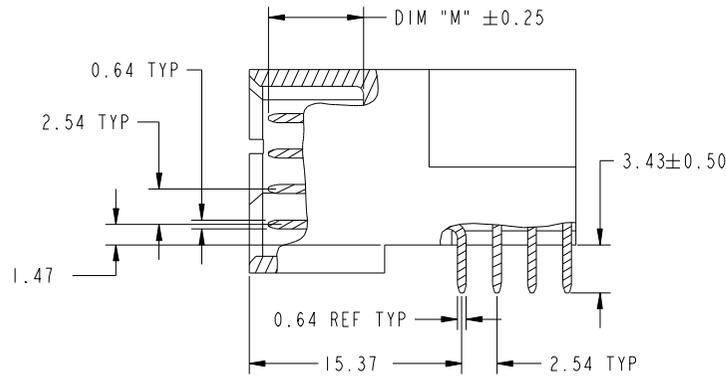
cage code 22526

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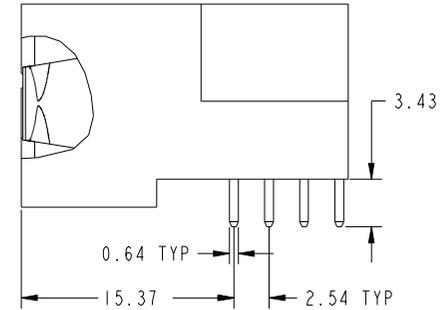
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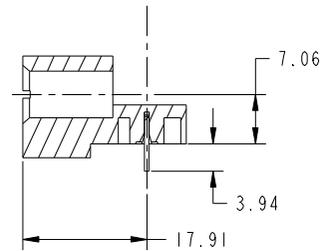
PRODUCT NUMBER
51732-068--
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

| | | | | | | | | | | |
|-------------|----------------|----|------|----------|---------------------------------------|------------|----------|---------------------------------------|-----|--------|
| mat'l code | | | | SEE NOTE | tolerances unless otherwise specified | | CUSTOMER | | FCI | |
| ltr | ecn no. | dr | date | linear | 0.X ±0.5 | COPY | | www.fciconnect.com | | |
| A | | | | linear | 0.XX ±0.25 | projection | | title | | |
| | | | | angles | 0.XXX ±0.1 | | | 6P + 16S RIGHT ANGLE SOLDER HEADER | | |
| | | | | dr | 0° ±2° | | | product family | | code |
| | | | | enr | XO WANG 12/04/10 | scale | | PwrBlade | | 213 |
| | | | | chr | JEROME CHEN 12/04/10 | 1:1 | | size | | sheet |
| | | | | appd | PM ZHENG 12/04/10 | | | A | | 2 of 4 |
| | | | | | JOSEPH HSIA 12/04/10 | | | 51732-068 | | |
| sheet index | revision sheet | | | | | | | | | |

cage code 22526

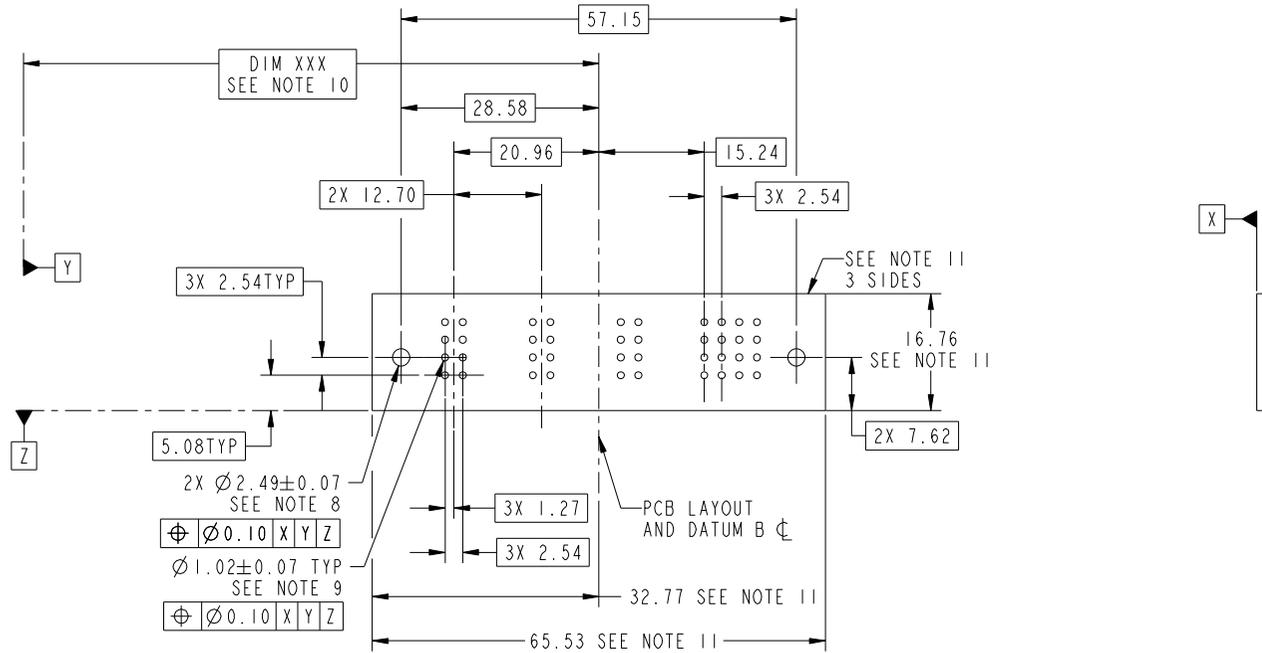
Pro/E

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PRODUCT NUMBER
51732-068--
NOTE: 3



RECOMMENDED PCB LAYOUT

| | | | | | | | | | |
|-------------|---------|----------------|-------------|---------------------------------------|------------|----------|--|---------------------------------------|--|
| mat'l code | | SEE NOTE | | tolerances unless otherwise specified | | CUSTOMER | | www.fciconnect.com | |
| ltr | ecn no. | dr | date | linear | 0.X ±0.5 | COPY | | title | |
| A | | | | | 0.XX ±0.25 | | | 6P + 16S RIGHT ANGLE SOLDER HEADER | |
| | | | | angles | 0.XXX ±0.1 | | | product family PwrBlade code | |
| | | dr | XO WANG | 12/04/10 | 0° ±2° | scale | | size | |
| | | enr | JEROME CHEN | 12/04/10 | | 1:1 | | dwg no | |
| | | chr | PM ZHENG | 12/04/10 | | A | | 51732-068 | |
| | | appd | JOSEPH HSIA | 12/04/10 | | | | sheet | |
| sheet index | | revision sheet | | | | | | 3 of 4 | |

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PRODUCT NUMBER
51732-068--
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. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51732-068 AND 51732-068LF RESPECTIVELY.
- 4. MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE P/N CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE 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. $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm 0.07$ HOLE.
- 10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- 11. CONNECTOR KEEP-OUT ZONE.

| | | | | | | | | | | | |
|-------------|----------------|----------|------|---------------------------------------|----------------------|----------------|--|----------|-----------|---------------------------|--|
| mat'l code | | SEE NOTE | | tolerances unless otherwise specified | | CUSTOMER | | FCI | | www.fciconnect.com | |
| ltr | ecr no. | dr | date | linear | 0.X ± 0.5 | COPY | | | | title | |
| A | | | | | 0.XX ± 0.25 | projection | | | | 6P + 16S | |
| | | | | angles | 0.XXX ± 0.1 | | | | | RIGHT ANGLE SOLDER HEADER | |
| | | | | dr | XO WANG 12/04/10 | product family | | PwrBlade | code | 213 | |
| | | | | enr | JEROME CHEN 12/04/10 | size | | dwg no | sheet | 4 of 4 | |
| | | | | chr | PM ZHENG 12/04/10 | scale | | A | 51732-068 | | |
| | | | | appd | JOSEPH HSIA 12/04/10 | 1:1 | | | | | |
| sheet index | revision sheet | | | | | | | | | | |

cage code 22526

Pro/E