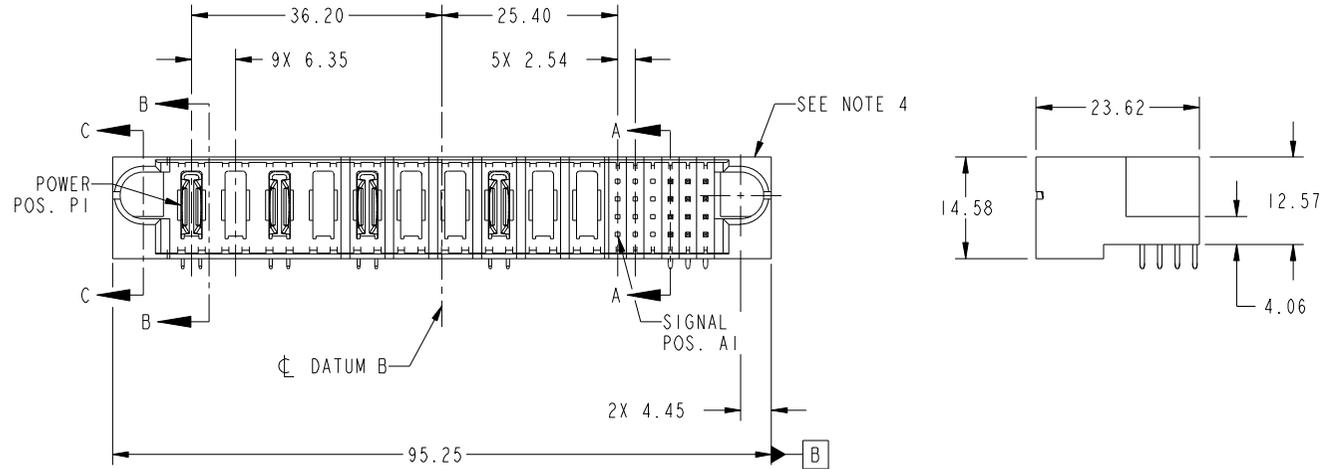


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| PRODUCT NO. | ROWS | POWER | | | | | | | | | | SIGNAL | | | | | | | |
|------------------------|------------------|-------|----|----|----|----|----|----|----|----|----|--------|---|---|---|----|----|----|----|
| | | E1 | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | 1 | 2 | 3 | 4 | 5 | 6 | E2 |
| 51732-063... NOTE 3 | D C B A | | PA | X | PA | X | PA | X | X | PA | X | X | X | X | X | HH | GG | HH | EE |



| CODE | DIM "M" MATING LENGTH | CONTACT TYPE |
|------|-----------------------------|-----------------|
| H | [5.59] | SIGNAL |
| G | [5.59] | SIGNAL |
| F | [5.59] | SIGNAL |
| E | [5.59] | SIGNAL |
| PA | [N/A] | POWER |

| | | | | | | | | | | | |
|-------------|----------------|-----|----------|----------|----------------------|---------------------------------------|--|----------------|--|--|--|
| mat'l code | | | | SEE NOTE | | tolerances unless otherwise specified | | CUSTOMER | | FCI | |
| ltr | ecn no. | dr | date | linear | 0.X ±0.5 | projection | | COPY | | www.fciconnect.com | |
| A | DG10-0247 | WD | 07/01/10 | angles | 0.XX ±0.25 | MIM | | title | | 10P + 24S RIGHT ANGLE SOLDER HEADER | |
| | | | | dr | 0.XXX ±0.1 | scale | | product family | | PwrBlade code | |
| | | | | enr | 0° ±2° | 1:1 | | size | | 213 | |
| | | | | chr | Warren Du 04/30/10 | | | dwg no | | 51732-063 sheet | |
| | | | | appd | Warren Du 04/30/10 | | | A | | 1 of 4 | |
| | | | | | PM ZHENG 04/30/10 | | | | | | |
| | | | | | JOSEPH HSIA 04/30/10 | | | | | | |
| sheet index | revision sheet | A 1 | A 2 | A 3 | A 4 | | | | | | |

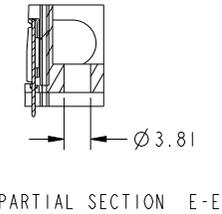
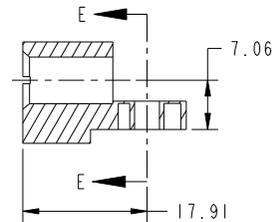
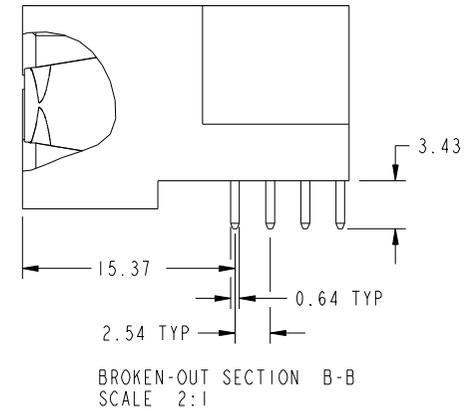
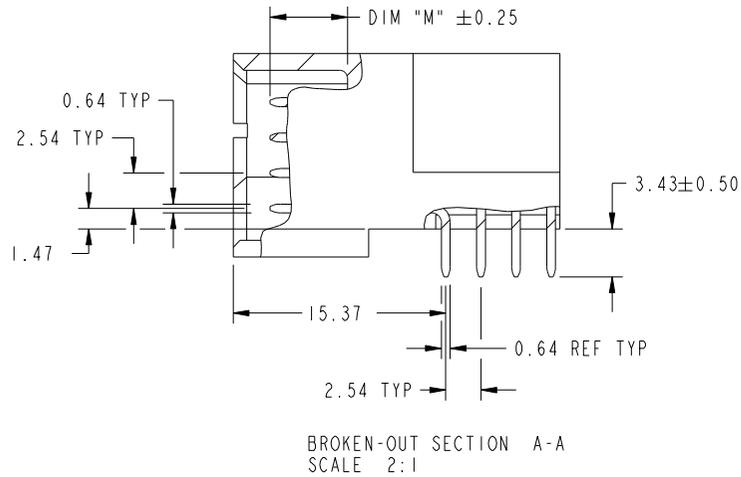
cage code 22526

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PRODUCT NUMBER
51732-063_
NOTE: 3



| | | | | | | | | | |
|-------------|---------|----------------|------|---------------------------------------|----------------------|------------|--|---------------------------|--|
| 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 | | | | | 0.XX ±0.25 | projection | | title | |
| | | | | angles | 0.XXX ±0.1 | ⊕ | | 10P + 24S | |
| | | | | dr | 0° ±2° | MIM | | RIGHT ANGLE SOLDER HEADER | |
| | | | | enr | Warren Du 04/30/10 | scale | | product family | |
| | | | | chr | Warren Du 04/30/10 | 1:1 | | PwrBlade | |
| | | | | appd | PM ZHENG 04/30/10 | | | code | |
| | | | | | JOSEPH HSIA 04/30/10 | | | 213 | |
| sheet index | | revision sheet | | | | | | size | |
| | | | | | | | | dwg no | |
| | | | | | | | | A 51732-063 | |
| | | | | | | | | sheet | |
| | | | | | | | | 2 of 4 | |

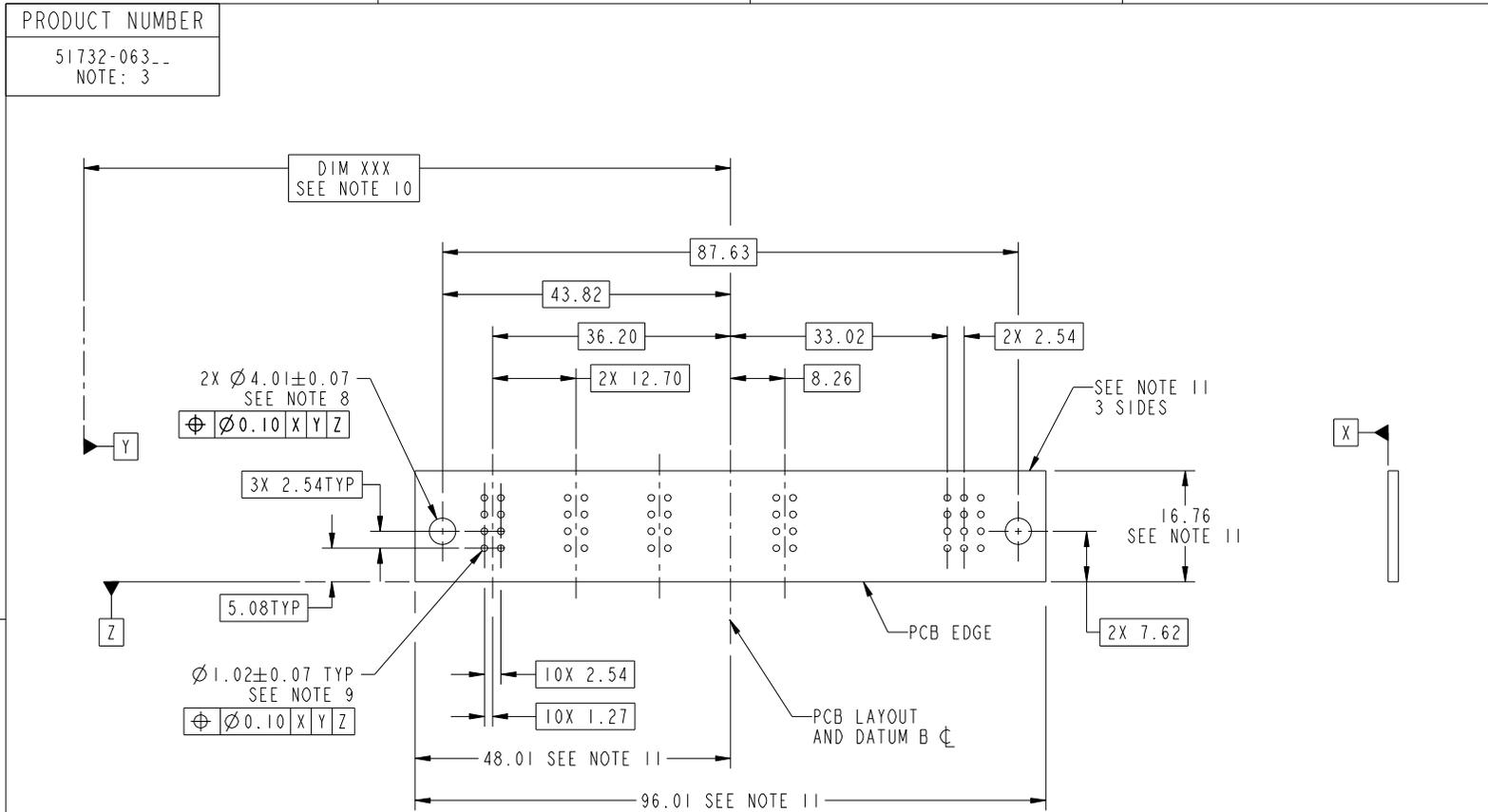
cage code 22526

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RECOMMENDED PCB LAYOUT

| | | | | | | | | | | | |
|-------------|----------------|----|------|----------|-------------|---------------------------------------|------------|-----------|--|------------------------------------|--|
| 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 | | | | | 0.XX ±0.25 | | projection | | title 10P + 24S RIGHT ANGLE SOLDER HEADER | | |
| | | | | | 0.XXX ±0.1 | | MIM | | product family PwrBlade code 213 | | |
| | | | | | angles | 0° ±2° | | scale 1:1 | | size dwg no 51732-063 sheet 3 of 4 | |
| | | | | dr | Warren Du | 04/30/10 | | | | | |
| | | | | enr | Warren Du | 04/30/10 | | | | | |
| | | | | chr | PM ZHENG | 04/30/10 | | | | | |
| | | | | appd | JOSEPH HSIA | 04/30/10 | | | | | |
| sheet index | revision sheet | | | | | | | | | | |

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PRODUCT NUMBER
51732-063_-
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 51732-063 AND 51732-063LF 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 | |
| ltr | ecr no. | dr | date | linear | 0.X ± 0.5 | COPY | | www.fciconnect.com | |
| A | | | | projection | 0.XX ± 0.25 | title | | 10P + 24S | |
| | | | | angles | 0.XXX ± 0.1 | RIGHT ANGLE SOLDER HEADER | | | |
| | | | | dr | 0° ± 2° | product family | | PwrBlade | |
| | | | | enr | Warren Du 04/30/10 | size | | 213 | |
| | | | | chr | Warren Du 04/30/10 | dwg no | | sheet | |
| | | | | appd | PM ZHENG 04/30/10 | A 51732-063 | | 4 of 4 | |
| | | | | | JOSEPH HSIA 04/30/10 | scale | | | |
| | | | | | | 1:1 | | | |
| sheet index | revision sheet | | | | | | | | |

cage code 22526

Pro/E