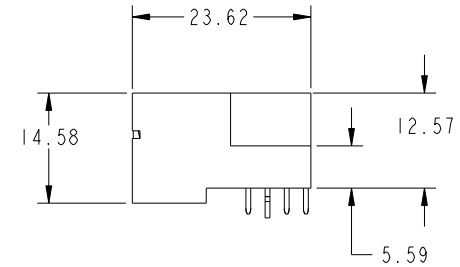
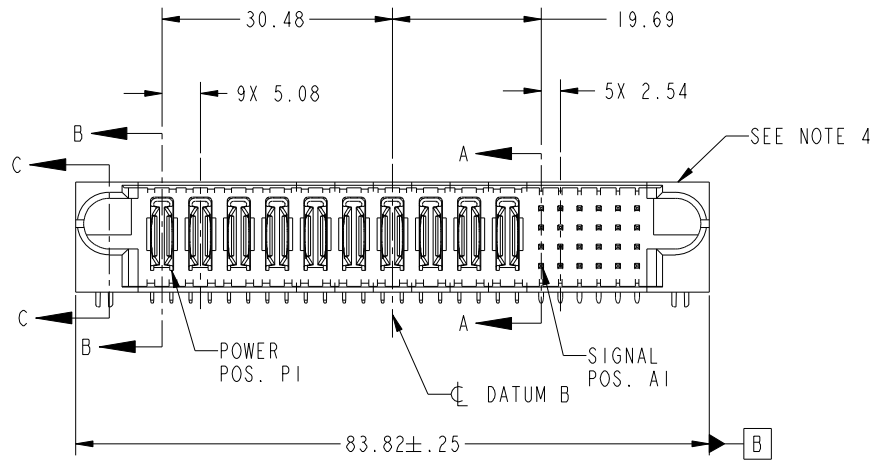
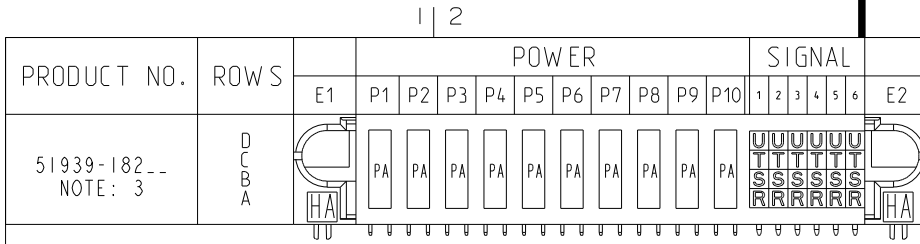


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| CODE | DIM "M" MATING LENGTH | CONTACT TYPE |
|------|-----------------------|--------------|
| U | [6.86] | SIGNAL |
| T | [6.86] | SIGNAL |
| S | [6.86] | SIGNAL |
| R | [6.86] | SIGNAL |
| PA | [N/A] | POWER |
| HA | [N/A] | HOLD-DOWN |

| mat'l code | | | | SEE NOTE | | tolerances unless otherwise specified | | CUSTOMER | |
|-------------|-----------|----------------|----------|--------------|---------|---------------------------------------|--|--|--|
| ltr | ecn no. | dr | date | linear | angles | | | | |
| A | DG05-0106 | SLUO | 5/11/05 | 0.X ± 0.5 | 0° ± 2° | COPY | | FCI | |
| B | DG05-0116 | GuoJM | 05/21/05 | 0.XX ± 0.25 | | projection | | www.fciconnect.com | |
| C | DG06-0001 | RYAN | 01/04/06 | 0.XXX ± 0.10 | | MM | | title 10P + 24S RIGHT ANGLE SOLDER HEADER | |
| D | DG07-0498 | JW | 09/13/08 | | | scale 1:1 | | product family PwrBlade code 213 | |
| sheet index | | revision sheet | D D | D D | D D | | | size dwg no A 51939-182 sheet 1 of 4 | |

| product family | PwrBlade | code |
|----------------|----------|--------------|
| size | dwg no | 213 |
| A 51939-182 | | sheet 1 of 4 |

A

B

A

B

1 | 2

3 |

4

1 | 2

Pro/E

PDM: Rev:D

STATUS: Released

Printed: Dec 20, 2010

cage code 28556

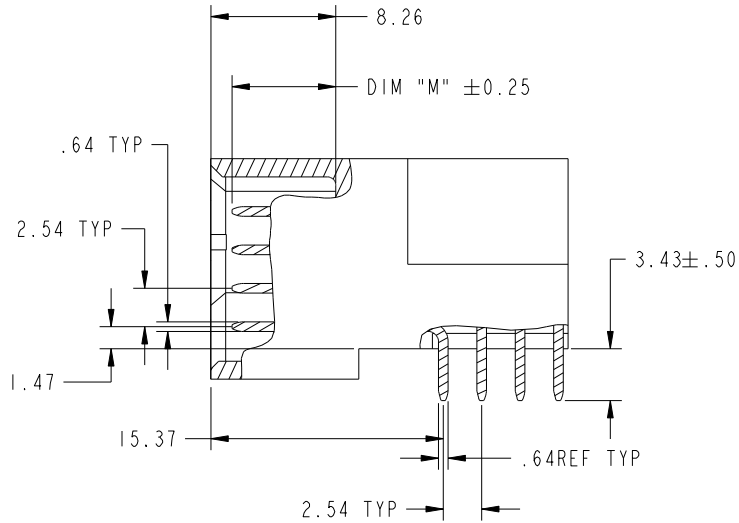
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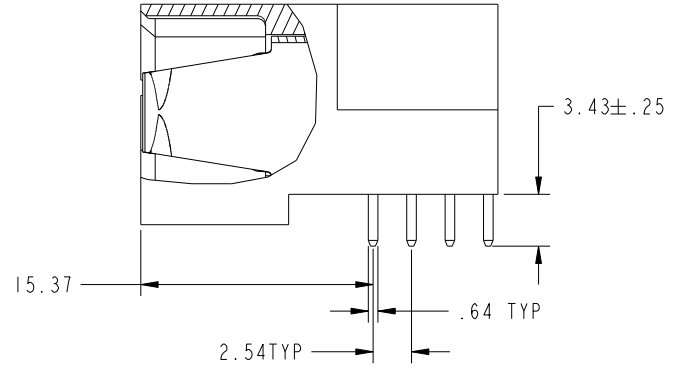


PRODUCT NUMBER

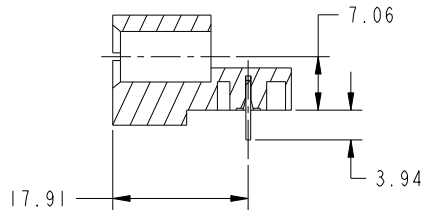
51939-182--
NOTE: 3



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 | | www.fciconnect.com | |
| lir | ecn no. | dr | date | linear | 0.X ±0.5 | COPY | | title | |
| D | | | | linear | 0.XX ±0.25 | projection | | 10P + 24S | |
| | | | | angles | 0.XXX ±0.10 | | | RIGHT ANGLE SOLDER HEADER | |
| | | | | dr | 0° ±2° | | | product family | |
| | | | | enr | SLU0 5/11/05 | MM | | PwrBlade | |
| | | | | chr | SLU0 5/11/05 | 1:1 | | code | |
| | | | | appd | VICTOR LIN 5/11/05 | | | 213 | |
| | | | | | JOSEPH HSIA 5/11/05 | | | sheet | |
| sheet index | revision sheet | | | | | | | 2 | |
| | | | | | | | | A 51939-182 | |

cage code 28506

Pro/E

PDM: Rev:D

STATUS: Released

Printed: Dec 20, 2010

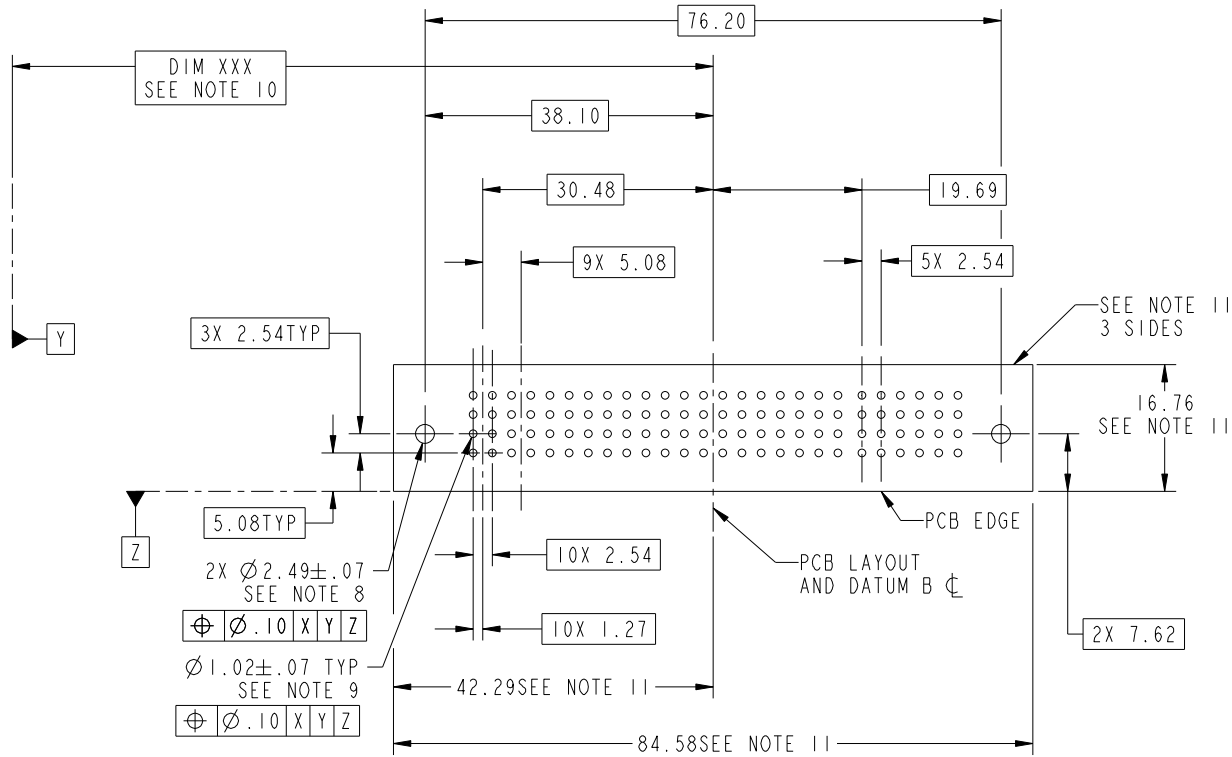
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PRODUCT NUMBER

51939-182--
NOTE: 3



RECOMMENDED PCB LAYOUT

| | | | | | | | | | |
|-------------|----------------|----------|------|---------------------------------------|--------------|----------|---------------------|------------------------|---|
| mat'l code | | SEE NOTE | | tolerances unless otherwise specified | | CUSTOMER | | www.fciconnect.com | |
| lir | ecn no. | dr | date | linear | 0.X ± 0.5 | | COPY | | title 10P + 24S RIGHT ANGLE SOLDER HEADER |
| D | | | | | 0.XX ± 0.25 | | projection | | |
| | | | | | 0.XXX ± 0.10 | | | | |
| | | | | angles | 0° ± 2° | | MM | | product family PwrBlade |
| | | | | | dr | SLU0 | 5/11/05 | scale 1:1 | |
| | | | | enrg | SLU0 | 5/11/05 | size A | | sheet 3 |
| | | | | chr | VICTOR LIN | 5/11/05 | dwg no 51939-182 | | |
| | | | | appd | JOSEPH HSIA | 5/11/05 | | | |
| sheet index | revision sheet | | | | | | | | |

cage code 28506

Pro/E

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STATUS: Released

Printed: Dec 20, 2010

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1 | 2

3 |

4

| |
|------------------------|
| PRODUCT NUMBER |
| 51939-182-- 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. PLATING:
SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-182; 51939-182LF PRESPECTIVELY

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. $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH)
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm .07$ HOLE.

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

11. CONNECTOR KEEP-OUT ZONE.

12 A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

| | | | | | | | | | | | |
|-------------|----------------|----|------|----------|--------------|---------------------------------------|-----------|----------|------------|----------------------------------|-------|
| mat'l code | | | | SEE NOTE | | tolerances unless otherwise specified | | CUSTOMER | | FCI www.fciconnect.com | |
| lir | ecn no. | dr | date | linear | 0.X ± 0.5 | | COPY | | projection | title | |
| D | | | | | 0.XX ± 0.25 | | 10P + 24S | | | RIGHT ANGLE SOLDER HEADER | |
| | | | | | 0.XXX ± 0.10 | | MM | | | product family PwrBlade code 213 | |
| | | | | angles | 0° ± 2° | | scale | | size | | sheet |
| | | | | dr | SLU0 | 5/11/05 | 1:1 | | A | | 4 |
| | | | | enr | SLU0 | 5/11/05 | | | 51939-182 | | |
| | | | | chr | VICTOR LIN | 5/11/05 | | | | | |
| | | | | appd | JOSEPH HSIA | 5/11/05 | | | | | |
| sheet index | revision sheet | | | | | | | | | | |

1 | 2

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Printed: Dec 20, 2010