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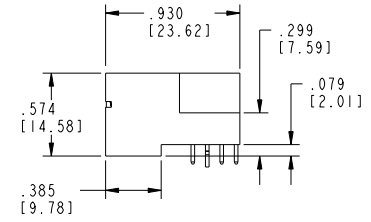
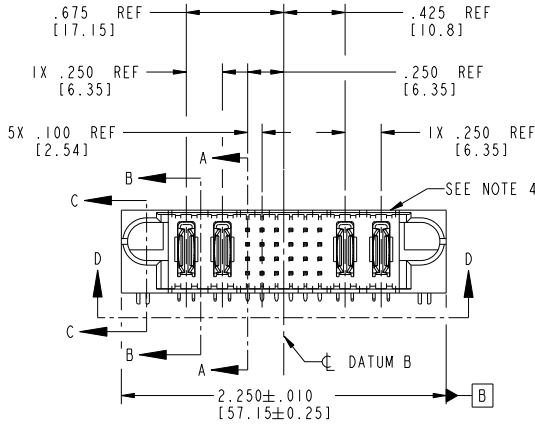
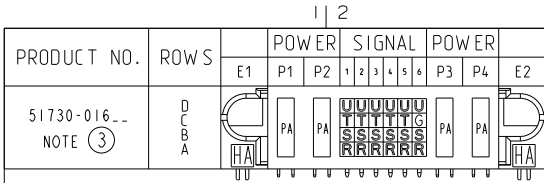
[FCI](#)
[51730-016](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

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| CODE | DIM "M" MATING LENGTH | CONTACT TYPE |
|------|-----------------------|--------------|
| G | .220 [5.59] | SIGNAL |
| 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 | ech no. | dr | date | linear | COPY | |
| H | D607-0498 | JC | 03/26/08 | .XX±.01/0.X±0.3 | projection | 2P + 24S + 2P |
| J | D608-0272 | W D | 09/25/08 | .XXX±.005/0.XX±0.13 | INCH/MM | RIGHT ANGLE SOLDER HEADER |
| | | | | .XXX±.0020/0.XXX±0.051 | scale | product family PwrBlade code 213 |
| | | | | angles 0°±? | 1:1 | size dwg no A 51730-016 sheet 1 of 4 |
| | | | | dr J. SHAFFER 01-22-02 | | |
| | | | | engr M. MOSTOLLER 01-22-02 | | |
| | | | | chr M. MOSTOLLER 01-22-02 | | |
| | | | | appd M. MOSTOLLER 01-22-02 | | |
| sheet index | revision sheet | J 1 | J 2 | J 3 | J 4 | |

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Pro/E

PDM: Rev:3

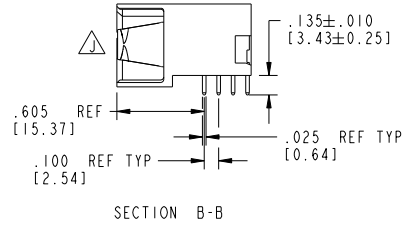
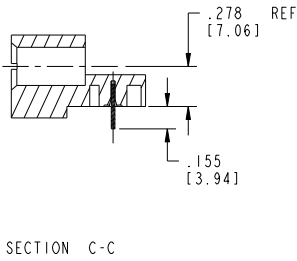
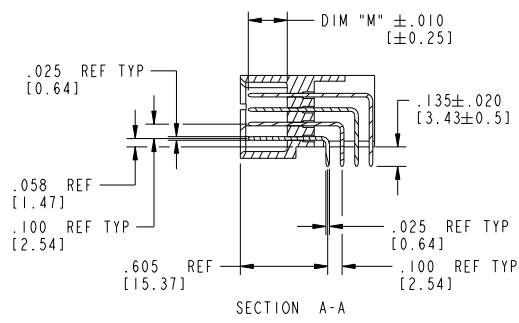
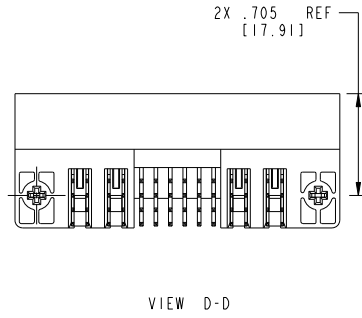
STATUS: Released

Printed: Dec 20, 2010

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PRODUCT NUMBER
51730-016__
NOTE (3)



| | | | | | | | | | |
|-------------|----------------|------------|------|---------------------------------------|------------------------|------------|---------------------------|--------------------|----------|
| mat'l code | | SEE NOTE 2 | | tolerances unless otherwise specified | | CUSTOMER | | FCI | |
| ltr | ech no. | dr | date | linear | .XX±.01/0.X±0.3 | projection | COPY | www.fciconnect.com | |
| J | | | | linear | .XXX±.005/0.XX±0.13 | | title | 2P + 24S + 2P | |
| | | | | angles | .XXX±.0020/0.XXX±0.051 | | RIGHT ANGLE SOLDER HEADER | product family | PwrBlade |
| | | | | dr | J. SHAFFER 01-22-02 | INCH/MM | size | dwg no | code |
| | | | | enr | M. MOSTOLLER 01-22-02 | scale | A | 51730-016 | 213 |
| | | | | chr | M. MOSTOLLER 01-22-02 | 1:1 | | | sheet |
| | | | | appd | M. MOSTOLLER 01-22-02 | | | | 2 of 4 |
| sheet index | revision sheet | | | | | | | | |

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Pro/E

PDM: Rev:3

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Printed: Dec 20, 2010

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A

A

B

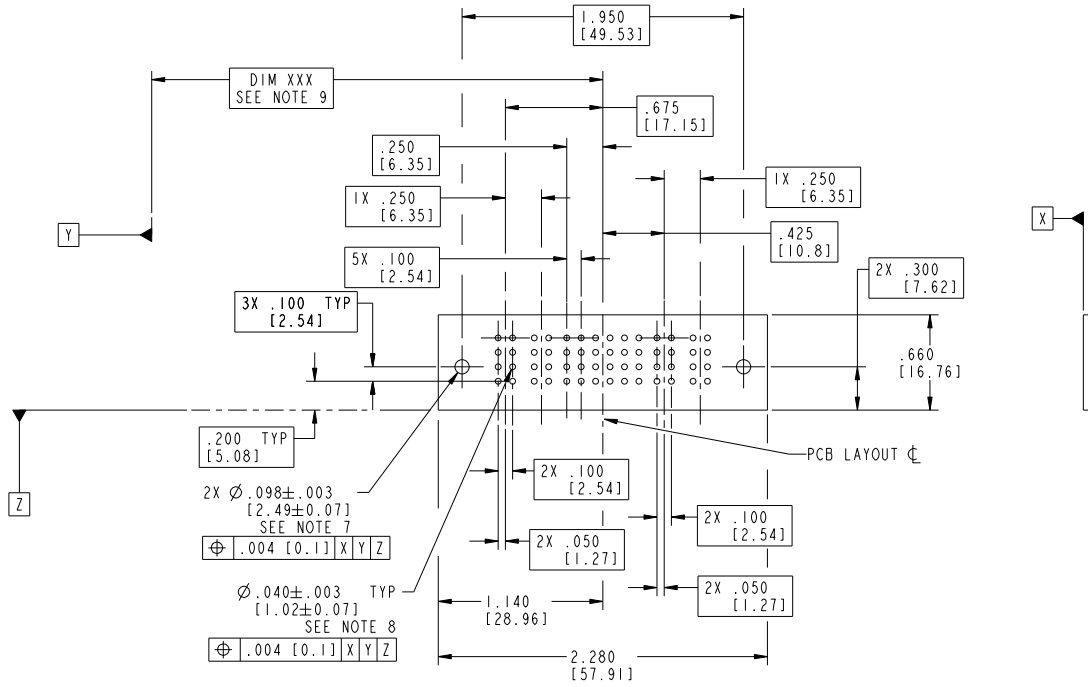
B

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PRODUCT NUMBER
51730-016_ _
NOTE ③



RECOMMENDED PCB LAYOUT

| | | | | | | | | | | | | | | | | | |
|-------------|----------------|----|------|------------|---------------------|----------|--|---------------------------------------|--|---------------------------|--|----------------|--|---------------|--|--------------------|--|
| mat'l code | | | | SEE NOTE 2 | | | | tolerances unless otherwise specified | | | | CUSTOMER | | FCI | | www.fciconnect.com | |
| ltr | ech no. | dr | date | linear | .XX±.01/0.X±0.3 | | | COPY | | projection | | title | | 2P + 24S + 2P | | code | |
| J | | | | angles | .XXX±.005/0.XX±0.13 | | | INCH/MM | | RIGHT ANGLE SOLDER HEADER | | product family | | PwrBlade | | 213 | |
| | | | | dr | J. SHAFFER | 01-22-02 | | scale | | A | | size | | 51730-016 | | sheet | |
| | | | | engr | M. MOSTOLLER | 01-22-02 | | 1:1 | | | | dwg no | | | | 3 of 4 | |
| | | | | chr | M. MOSTOLLER | 01-22-02 | | | | | | | | | | | |
| | | | | appd | M. MOSTOLLER | 01-22-02 | | | | | | | | | | | |
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3 |

4

PRODUCT NUMBER
51730-016_ _
NOTE ③

NOTES:

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

CONNECTORS NOTES:

② HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMO PLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

③ SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51730-016 AND 51730-016LF RESPECTIVELY.

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

⑤ PRODUCT SPECIFICATION GS-12-149.

PCB - NOTES:

⑥ ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. HOLD DOWN THROUGH HOLES ARE UNPLATED.

⑧ $\varnothing .0453 \pm 0.0010$ [1.151 \pm 0.025] DRILLED HOLES PLATED WITH 0.0003 [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.

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

10. 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 2 | | | | tolerances unless otherwise specified | | | | CUSTOMER | | FCI | | www.fciconnect.com | | | |
| ltr | ech no. | dr | date | linear | .XX±.01/0.X±0.3 | | | projection | | COPY | | title | | 2P + 24S + 2P | | | | | |
| J | | | | angles | .XXX±.005/0.XX±0.13 | | | | | | | RIGHT ANGLE SOLDER HEADER | | | | | | | |
| | | | | dr | J. SHAFFER | 01-22-02 | INCH/MM | | product family | | PwrBlade | | code | | 213 | | | | |
| | | | | engr | M. MOSTOLLER | 01-22-02 | scale | | size | | A 51730-016 | | sheet | | 4 of 4 | | | | |
| | | | | chr | M. MOSTOLLER | 01-22-02 | 1:1 | | size | | A 51730-016 | | sheet | | 4 of 4 | | | | |
| | | | | appd | M. MOSTOLLER | 01-22-02 | | | size | | A 51730-016 | | sheet | | 4 of 4 | | | | |
| sheet index | | revision sheet | | | | | | | | | | | | | | | | | |

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