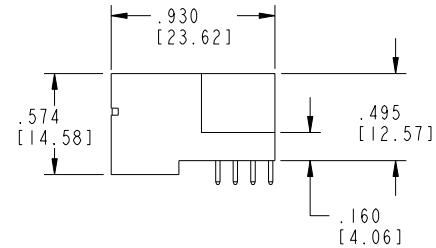
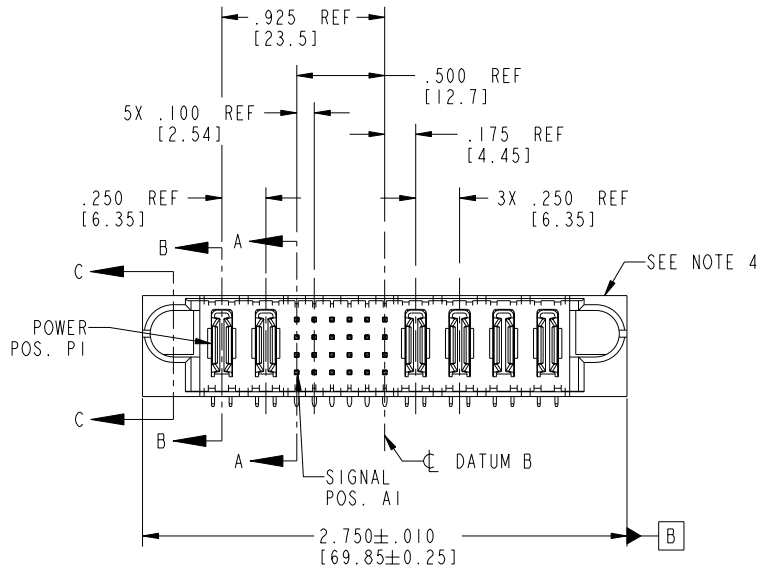
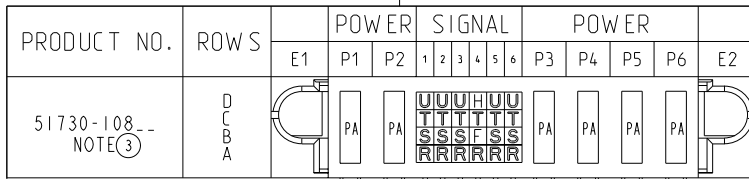


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| CODE | DIM "M" MATING LENGTH | CONTACT TYPE |
|------|-----------------------|--------------|
| F | .220 [5.59] | SIGNAL |
| H | .220 [5.59] | SIGNAL |
| R | .270 [6.86] | SIGNAL |
| S | .270 [6.86] | SIGNAL |
| T | .270 [6.86] | SIGNAL |
| U | .270 [6.86] | SIGNAL |
| PA | N/A [N/A] | POWER |

| mat'l code | | | | SEE NOTE 2 | | tolerances unless otherwise specified | | CUSTOMER | |
|-------------|-----------|-----|----------|------------|-----------------------|---------------------------------------|----------------------------------|----------|--|
| ltr | ecn no. | dr | date | linear | .XX±.01/0.X±0.3 | projection | COPY | | |
| A | V05-0145 | TAB | 02/11/05 | | .XXX±.005/0.XX±0.13 | | title 2P + 24S + 4P | | |
| B | DG05-0083 | SW | 04/13/05 | | .XXX±.0020/0.XX±0.051 | | RIGHT ANGLE SOLDER HEADER | | |
| C | DG05-0463 | CS | 11/14/05 | angles | 0° ± 2° | | product family PwrBlade code 213 | | |
| | | | | dr | T. BRUNGARD 02/11/05 | INCH/MM | size dwg no | | |
| | | | | enr | L. HAO 02/11/05 | scale | A 51730-108 | | |
| | | | | chr | L. HAO 02/11/05 | 1:1 | sheet 1 of 4 | | |
| | | | | appd | L. HAO 02/11/05 | | | | |
| sheet index | revision | C | C | C | C | | | | |
| | sheet | 1 | 2 | 3 | 4 | | | | |

FCI www.fciconnect.com

projection

INCH/MM

scale 1:1

cage code 22526

Pro/E

PDM: Rev:C

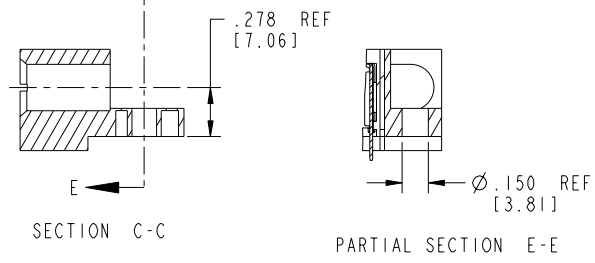
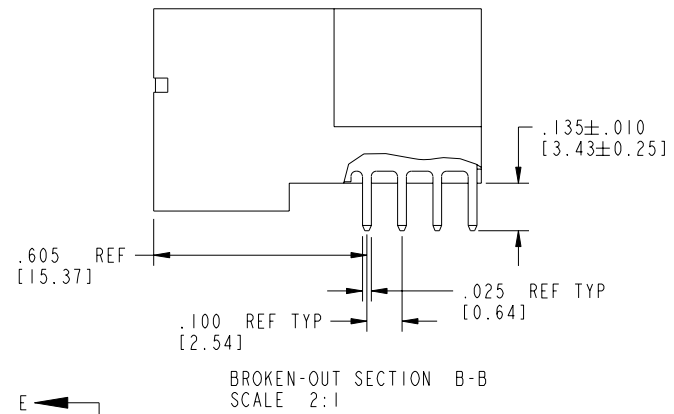
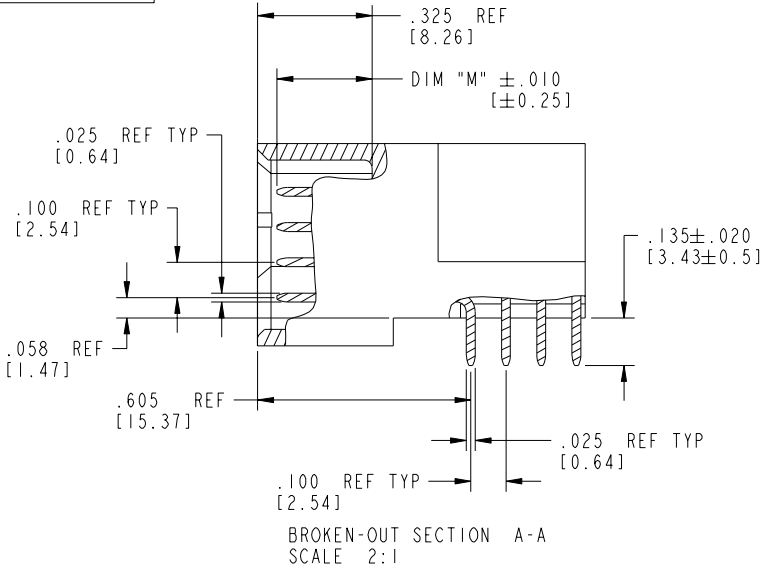
STATUS: Released

Printed: Nov 17, 2006

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PRODUCT NUMBER
51730-108--
NOTE ③



| | | | | | | | | | |
|-------------|----------------|------------|------|---------------------------------------|------------------------|----------------|--|---------------------------|--|
| mat'l code | | SEE NOTE 2 | | tolerances unless otherwise specified | | CUSTOMER | | www.fciconnect.com | |
| ltr | ecn no. | dr | date | linear | .XX±.01/0.X±0.3 | COPY | | title | |
| C | | | | angles | .XXX±.005/0.XX±0.13 | projection | | 2P + 24S + 4P | |
| | | | | dr | .XXX±.0020/0.XXX±0.051 | INCH/MM | | RIGHT ANGLE SOLDER HEADER | |
| | | | | enr | 0°±2° | product family | | PwrBlade | |
| | | | | chr | T. BRUNGARD 02/11/05 | size | | code | |
| | | | | appd | L. HAO 02/11/05 | scale | | 213 | |
| | | | | | L. HAO 02/11/05 | A | | sheet | |
| sheet index | revision sheet | | | | | 51730-108 | | 2 of 4 | |

cage code 22526

Pro/E

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PRODUCT NUMBER
51730-108--
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:
51730-108 Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
51730-108LF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51730-108LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER ICOUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

(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). $\varnothing.0453 \pm 0.0010$ [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 | | FCI www.fciconnect.com | |
| ltr | ecn no. | dr | date | linear | .XX±.01/0.X±0.3 | COPY | | projection | title |
| C | | | | | .XXX±.005/0.XX±0.13 | | | | 2P + 24S + 4P |
| | | | | angles | XXXX±.0020/0.XXX±0.051 | | | | RIGHT ANGLE SOLDER HEADER |
| | | | | dr | 0±.2 | INCH/MM | | product family | PwrBlade |
| | | | | enr | T. BRUNGARD 02/11/05 | scale | | size | code |
| | | | | chr | L. HAO 02/11/05 | 1:1 | | dwg no | 213 |
| | | | | appd | L. HAO 02/11/05 | | | sheet | 4 of 4 |
| sheet index | revision sheet | | | | | | | | |

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PDM: Rev:C

STATUS:Released

Printed: Nov 17, 2006