

Printed: Dec 20, 2010

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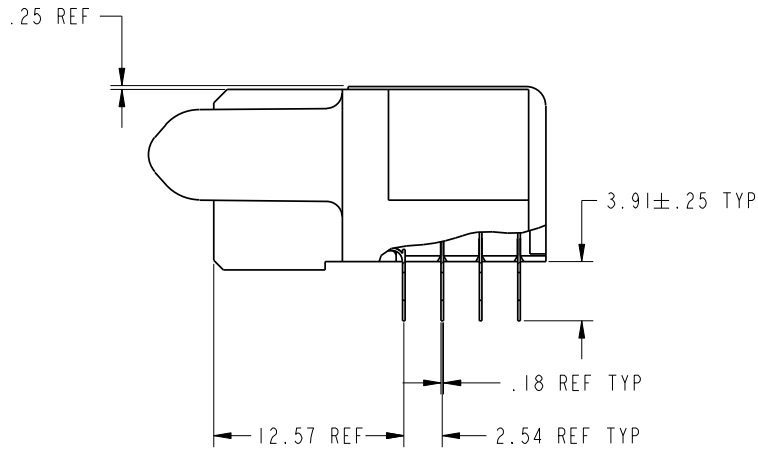
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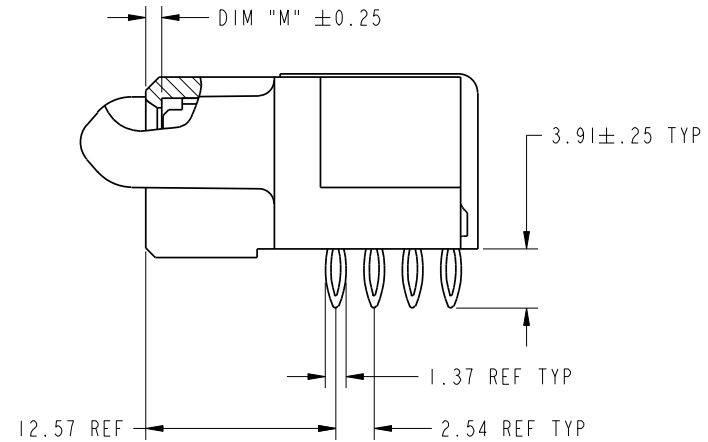
PRODUCT NUMBER

51915-100--

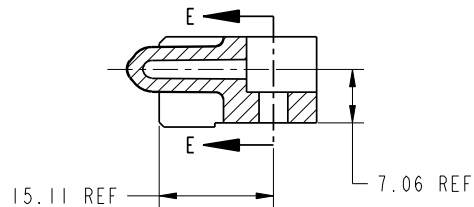
NOTE ③



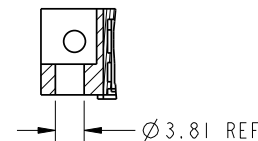
BROKEN-OUT SECTION A-A  
SCALE 2:1



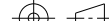
BROKEN-OUT SECTION B-B  
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

|                       |         |                |      |                                       |                      |                                                                                       |  |                                                                                                          |          |
|-----------------------|---------|----------------|------|---------------------------------------|----------------------|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------|----------|
| mat'l code SEE NOTE 2 |         |                |      | tolerances unless otherwise specified |                      | CUSTOMER                                                                              |  |  www.fciconnect.com |          |
| lir                   | ecn no. | dr             | date | linear                                | 0.X ± 0.3            | COPY                                                                                  |  | title<br>10P+24S+12P<br>RIGHT ANGLE PF RECEPTACLE                                                        |          |
| A                     |         |                |      |                                       | 0.XX ± 0.10          |  |  |                                                                                                          |          |
|                       |         |                |      |                                       | 0.XXX ± 0.050        |                                                                                       |  |                                                                                                          |          |
|                       |         |                |      | angles                                | 0° ± 2°              |  |  | product family PwrBlade                                                                                  |          |
|                       |         |                |      | dr                                    | JM GUO 04/28/06      | scale 1:1                                                                             |  | size                                                                                                     | code 213 |
|                       |         |                |      | enrg                                  | SLUO 04/28/06        |                                                                                       |  | dwg no                                                                                                   | sheet    |
|                       |         |                |      | chr                                   | BEER FU 04/28/06     |                                                                                       |  | A 51915-100                                                                                              | 2 of 4   |
|                       |         |                |      | appd                                  | JOSEPH HSIA 04/28/06 |                                                                                       |  |                                                                                                          |          |
| sheet index           |         | revision sheet |      |                                       |                      |                                                                                       |  |                                                                                                          |          |

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Pro/E

PDM: Rev: A

STAT: Released

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# PRODUCT NUMBER

51915-100--  
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:  
51915-100, 51915-100LF PLATING SPEC. WAS SHOWN IN THE PRINT OF 10064183.

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  $\varnothing .0453 \pm .0010$  [ $1.151 \pm 0.025$ ] 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.

12. USE FCI CAM TOOL 430140-XXX  
TO APPLY CONNECTOR TO PCB.

|             |         |                |      |            |                   |                                          |                                                                                       |          |                                                                                       |                                                                                                          |  |  |  |
|-------------|---------|----------------|------|------------|-------------------|------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--|--|--|
| mat'l code  |         |                |      | SEE NOTE 2 |                   | tolerances unless<br>otherwise specified |                                                                                       | CUSTOMER |                                                                                       |  www.fciconnect.com |  |  |  |
| lir         | ecn no. | dr             | date | linear     | 0.X $\pm 0.3$     |                                          | COPY                                                                                  |          |  | title<br>10P+24S+12P<br>RIGHT ANGLE PF RECEPTACLE                                                        |  |  |  |
| A           |         |                |      |            | 0.XX $\pm 0.10$   |                                          | projection                                                                            |          |                                                                                       |                                                                                                          |  |  |  |
|             |         |                |      |            | 0.XXX $\pm 0.050$ |                                          |                                                                                       |          |                                                                                       |                                                                                                          |  |  |  |
|             |         |                |      | angles     | 0° $\pm 2^\circ$  |                                          |  |          |                                                                                       |                                                                                                          |  |  |  |
|             |         |                |      | dr         | JM GUO            | 04/28/06                                 | product family                                                                        |          | PwrBlade                                                                              | code                                                                                                     |  |  |  |
|             |         |                |      | enrg       | SLUO              | 04/28/06                                 | size                                                                                  |          | dwg no                                                                                | 213                                                                                                      |  |  |  |
|             |         |                |      | chr        | BEER FU           | 04/28/06                                 | scale                                                                                 |          | A                                                                                     | 51915-100                                                                                                |  |  |  |
|             |         |                |      | appd       | JOSEPH HSIA       | 04/28/06                                 | 1:1                                                                                   |          |                                                                                       | 4 of 4                                                                                                   |  |  |  |
| sheet index |         | revision sheet |      |            |                   |                                          |                                                                                       |          |                                                                                       |                                                                                                          |  |  |  |

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