

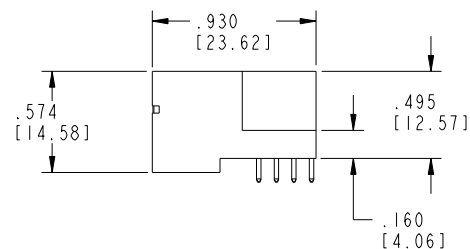
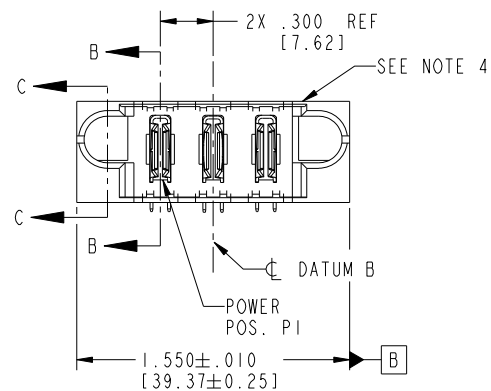


All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.

| CODE | DIM "M"<br>MATING<br>LENGTH |       | CONTACT<br>TYPE | TYPE       |
|------|-----------------------------|-------|-----------------|------------|
| PA   | N/A                         | [N/A] | POWER           | LONG WIPE  |
| PS   | N/A                         | [N/A] | POWER           | SHORT WIPE |

| PRODUCT NO.            | POWER |    |    |    |    |
|------------------------|-------|----|----|----|----|
|                        | E1    | P1 | P2 | P3 | E2 |
| 51939-021--<br>NOTE: ③ |       | PS | PA | PS |    |



| mat'l code  |           |     |          | SEE NOTE 2 |            | tolerances unless<br>otherwise specified |  | CUSTOMER   |     | FCI                       |           | www.fciconnect.com |        |
|-------------|-----------|-----|----------|------------|------------|------------------------------------------|--|------------|-----|---------------------------|-----------|--------------------|--------|
| ltr         | ecn no.   | dr  | date     |            |            |                                          |  | COPY       |     |                           |           |                    |        |
| A           | V21312    | CGD | 08/09/02 | linear     |            | .XX±.01/0.X±0.3                          |  | projection |     | title                     | 3ACP      |                    |        |
| B           | DG05-0232 | SJ  | 07/20/05 |            |            | .XXX±.005/0.XX±0.13                      |  |            |     | RIGHT ANGLE SOLDER HEADER |           |                    |        |
| C           | DG06-0008 | JMG | 01/07/06 | angles     |            | .XXX±.0020/0.XXX±0.051                   |  |            |     | product family            | PwrBlade  | code               | 213    |
| D           | DG08-0273 | WD  | 12/25/08 |            |            | 0°±2°                                    |  | INCH/MM    |     | size                      | dwg no    | sheet              | 1 of 4 |
|             |           |     |          | dr         | C. DAILY   | 08/09/02                                 |  | scale      | 1:1 | A                         | 51939-021 |                    |        |
|             |           |     |          | enrg       | J. ALLISON | 08/09/02                                 |  |            |     |                           |           |                    |        |
|             |           |     |          | chr        | J. ALLISON | 08/09/02                                 |  |            |     |                           |           |                    |        |
|             |           |     |          | appd       | J. ALLISON | 08/09/02                                 |  |            |     |                           |           |                    |        |
| sheet index | revision  | D   | D        | D          | D          |                                          |  |            |     |                           |           |                    |        |
|             | sheet     | 1   | 2        | 3          | 4          |                                          |  |            |     |                           |           |                    |        |

sheet index

revision

Pro/E

3

cage code 22526

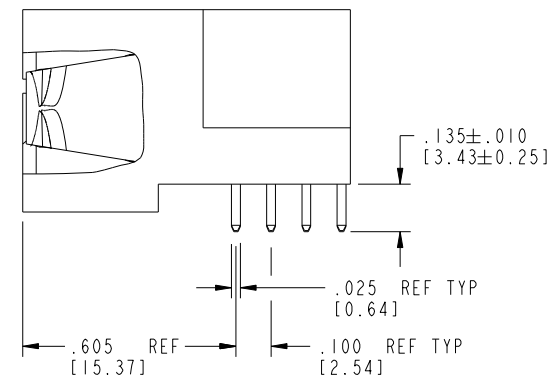
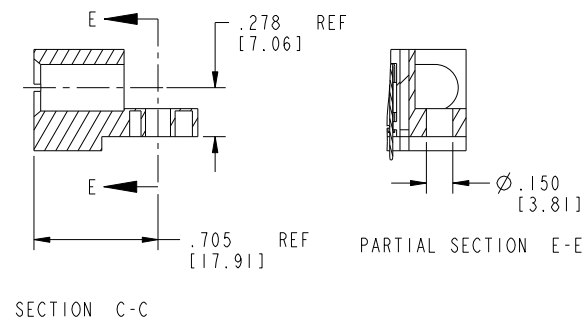
4



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

PRODUCT NUMBER  
51939-021--  
NOTE:③



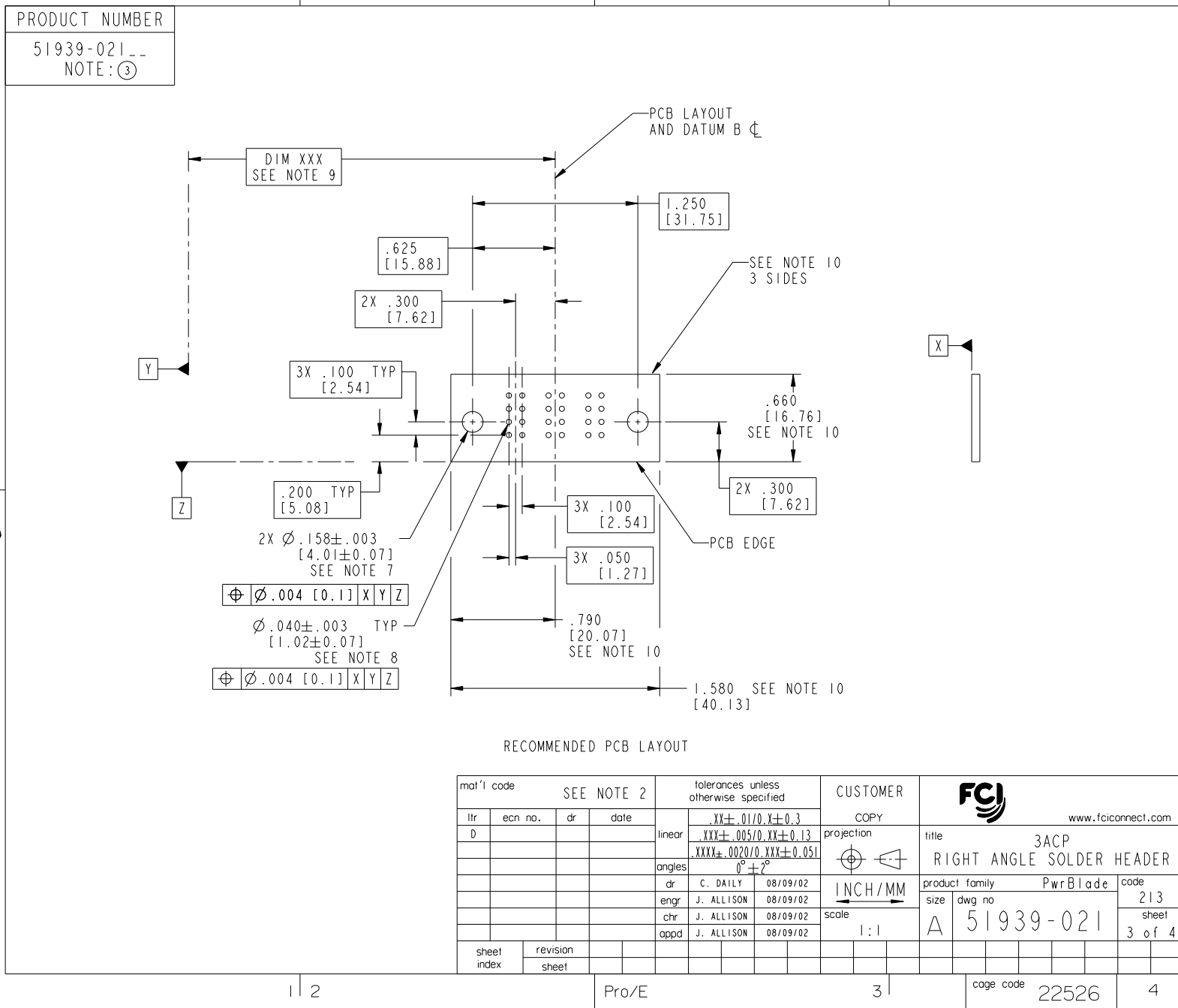
|             |         |                |      |            |                        |                                       |                                                                                       |                                                                                       |  |                                                                                       |           |                    |      |  |
|-------------|---------|----------------|------|------------|------------------------|---------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|-----------|--------------------|------|--|
| 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        |                                       | projection                                                                            | COPY                                                                                  |  | title<br>3ACP<br>RIGHT ANGLE SOLDER HEADER                                            |           |                    |      |  |
| D           |         |                |      |            | .XXX±.005/0.XX±0.13    |                                       |                                                                                       |  |  |                                                                                       |           |                    |      |  |
|             |         |                |      |            | .XXX±.0020/0.XXX±0.051 |                                       |                                                                                       |                                                                                       |  |                                                                                       |           |                    |      |  |
|             |         |                |      | angles     | 0°±2°                  |                                       |  | INCH/MM                                                                               |  | product family                                                                        |           | PwrBlade           | code |  |
|             |         |                | dr   | C. DAILY   | 08/09/02               | size                                  |                                                                                       |                                                                                       |  | dwg no                                                                                | 213       |                    |      |  |
|             |         |                | enrg | J. ALLISON | 08/09/02               | scale                                 |                                                                                       |                                                                                       |  | A                                                                                     | 51939-021 | sheet              |      |  |
|             |         |                | chr  | J. ALLISON | 08/09/02               |                                       |                                                                                       |                                                                                       |  |                                                                                       |           | 2 of 4             |      |  |
|             |         |                | appd | J. ALLISON | 08/09/02               |                                       |                                                                                       |                                                                                       |  |                                                                                       |           |                    |      |  |
| sheet index |         | revision sheet |      |            |                        |                                       |                                                                                       |                                                                                       |  |                                                                                       |           |                    |      |  |
|             |         |                |      |            |                        |                                       |                                                                                       |                                                                                       |  |                                                                                       |           |                    |      |  |
|             |         |                |      |            |                        |                                       |                                                                                       |                                                                                       |  |                                                                                       |           |                    |      |  |

Pro/E



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.



Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire.  
Propriete de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor.  
Property of FCI. Copyright FCI.

|                        |
|------------------------|
| PRODUCT NUMBER         |
| 51939-021--<br>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 3. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-021 AND 51939-021LF RESPECTIVELY.

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.

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

8.  $\varnothing .0453 \pm .0010$  [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.

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

10. CONNECTOR KEEP-OUT ZONE.

11. A ③ 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<br>otherwise specified |  |                         |  | CUSTOMER                                                                              |  |      |  |  |  |           |  | www.fciconnect.com |  |  |  |
| ltr         |  | ecn no.        |  | dr         |  | date |  | linear                                   |  | .XX+ .01/0.X+0.3        |  | projection                                                                            |  | COPY |  | title                                                                                 |  | 3ACP      |  |                    |  |  |  |
| D           |  |                |  |            |  |      |  |                                          |  | .XXX+ .005/0.XX+0.13    |  |  |  |      |  | RIGHT ANGLE SOLDER HEADER                                                             |  |           |  |                    |  |  |  |
|             |  |                |  |            |  |      |  | angles                                   |  | .XXX+ .0020/0.XXX+0.051 |  |                                                                                       |  |      |  |                                                                                       |  |           |  |                    |  |  |  |
|             |  |                |  |            |  |      |  | dr                                       |  | C. DAILY 08/09/02       |  | INCH/MM                                                                               |  |      |  | product family                                                                        |  | PwrBlade  |  | code               |  |  |  |
|             |  |                |  |            |  |      |  | enrg                                     |  | J. ALLISON 08/09/02     |  | scale                                                                                 |  |      |  | size                                                                                  |  | dwg no    |  | 213                |  |  |  |
|             |  |                |  |            |  |      |  | chr                                      |  | J. ALLISON 08/09/02     |  | 1:1                                                                                   |  |      |  | A                                                                                     |  | 51939-021 |  | sheet              |  |  |  |
|             |  |                |  |            |  |      |  | appd                                     |  | J. ALLISON 08/09/02     |  |                                                                                       |  |      |  |                                                                                       |  |           |  | 4 of 4             |  |  |  |
| sheet index |  | revision sheet |  |            |  |      |  |                                          |  |                         |  |                                                                                       |  |      |  |                                                                                       |  |           |  |                    |  |  |  |

cage code 22526