

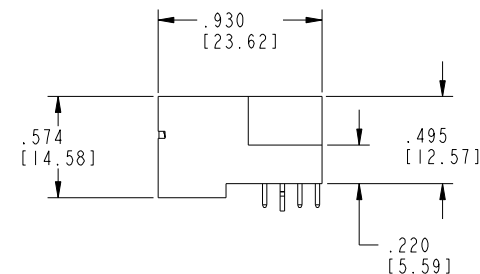
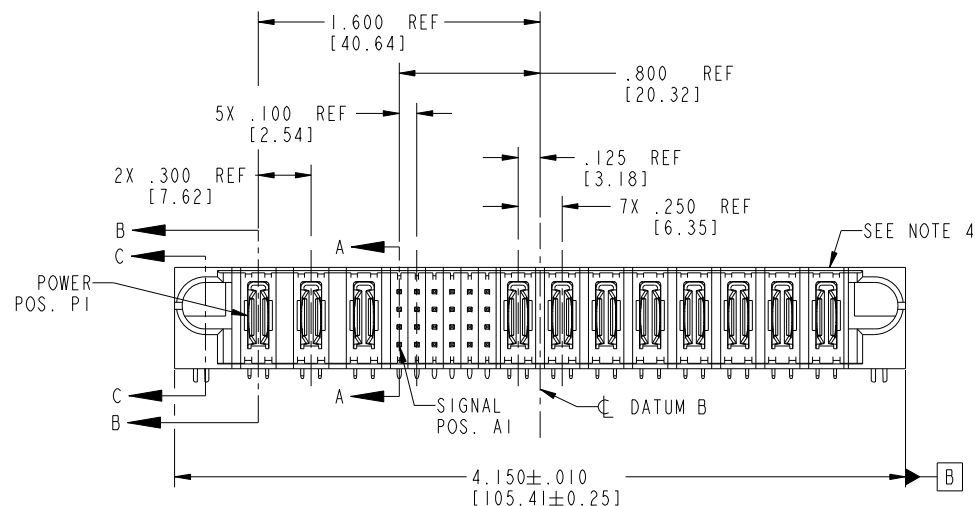


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| CODE | DIM "M" | MATING | CONTACT   |
|------|---------|--------|-----------|
|      |         | LENGTH | TYPE      |
| U    | .270    | [6.86] | SIGNAL    |
| T    | .270    | [6.86] | SIGNAL    |
| S    | .270    | [6.86] | SIGNAL    |
| R    |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

| PRODUCT NO.            | ROWS             | POWER                                                                             |                                                                                   |                                                                                   |                                                                                   | SIGNAL                                                                            |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | E2                                                                                  |                                                                                     |
|------------------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                        |                  | E1                                                                                | P1                                                                                | P2                                                                                | P3                                                                                | 1                                                                                 | 2                                                                                 | 3                                                                                  | 4                                                                                   | 5                                                                                   | 6                                                                                   | P4                                                                                  | P5                                                                                  | P6                                                                                  | P7                                                                                  | P8                                                                                  | P9                                                                                  | P10                                                                                 |                                                                                     | P11                                                                                 |
| 51939-074--<br>NOTE: 3 | D<br>C<br>B<br>A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



|             |           |          |          |            |              |                                       |   |            |  |                           |  |
|-------------|-----------|----------|----------|------------|--------------|---------------------------------------|---|------------|--|---------------------------|--|
| mat'l code  |           |          |          | SEE NOTE 2 |              | tolerances unless otherwise specified |   | CUSTOMER   |  | www.fciconnect.com        |  |
| ltr         | ecn no.   | dr       | date     |            |              |                                       |   | COPY       |  | title                     |  |
| A           | V03-0841  | MEM      | 7/30/03  | linear     |              | .XX±.01/0.X±0.3                       |   | projection |  | 3ACP + 24S + 8P           |  |
| B           | DG06-0014 | JMG      | 01/12/06 |            |              | .XXX±.005/0.XX±0.13                   |   |            |  | RIGHT ANGLE SOLDER HEADER |  |
| C           | DG08-0273 | WD       | 01/02/09 | angles     |              | .XXX±.0020/0.XXX±0.051                |   |            |  | product family            |  |
|             |           |          |          | dr         | M. MOSTOLLER | 7/30/03                               |   | scale      |  | PwrBlade                  |  |
|             |           |          |          | enrg       | M. MOSTOLLER | 7/30/03                               |   | 1:1        |  | code                      |  |
|             |           |          |          | chr        | H. BREWBAKER | 7/30/03                               |   | A          |  | 213                       |  |
|             |           |          |          | appd       | M. MOSTOLLER | 7/30/03                               |   | 51939-074  |  | sheet                     |  |
| sheet index |           | revision |          | C          | C            | C                                     | C |            |  | 1 of 4                    |  |
|             |           | sheet    |          | 1          | 2            | 3                                     | 4 |            |  |                           |  |

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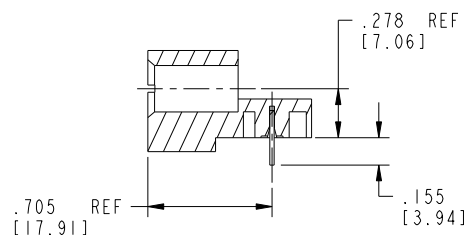
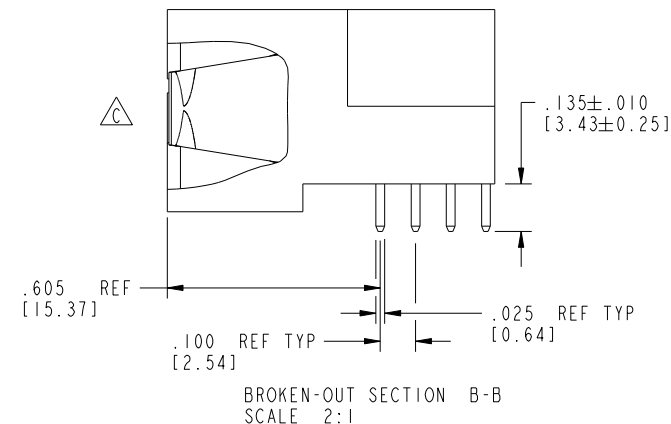
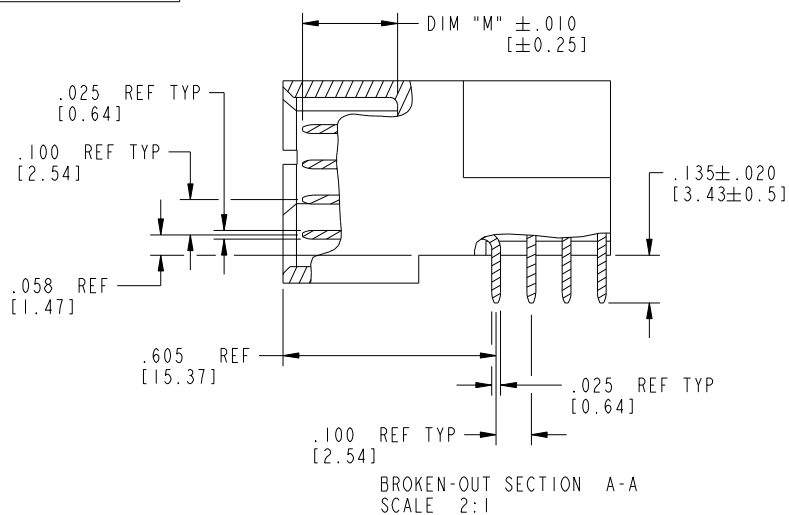
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PRODUCT NUMBER  
51939-074--  
NOTE: 3



|             |         |                |      |            |                        |                                       |           |          |                                                                                                     |                                                                                                          |           |        |  |          |  |  |
|-------------|---------|----------------|------|------------|------------------------|---------------------------------------|-----------|----------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------|--------|--|----------|--|--|
| 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      |          | projection<br> | title 3ACP + 24S + 8P                                                                                    |           |        |  |          |  |  |
| C           |         |                |      |            | .XXX±.005/0.XX±0.13    |                                       |           |          |                                                                                                     | RIGHT ANGLE SOLDER HEADER                                                                                |           |        |  |          |  |  |
|             |         |                |      |            | .XXX±.0020/0.XXX±0.051 |                                       |           |          |                                                                                                     |                                                                                                          |           |        |  |          |  |  |
|             |         |                |      | angles     | 0°±2°                  |                                       |           |          |                | product family PwrBlade                                                                                  |           |        |  |          |  |  |
|             |         |                |      | dr         | M. MOSTOLLER 7/30/03   |                                       |           |          |                                                                                                     | size                                                                                                     |           | dwg no |  | code 213 |  |  |
|             |         |                |      | enrg       | M. MOSTOLLER 7/30/03   |                                       |           |          |                                                                                                     |                                                                                                          |           |        |  | sheet    |  |  |
|             |         |                |      | chr        | H. BREWBAKER 7/30/03   |                                       |           |          |                                                                                                     |                                                                                                          |           |        |  | 2 of 4   |  |  |
|             |         |                |      | appd       | M. MOSTOLLER 7/30/03   |                                       | scale 1:1 |          | A                                                                                                   |                                                                                                          | 51939-074 |        |  |          |  |  |
| sheet index |         | revision sheet |      |            |                        |                                       |           |          |                                                                                                     |                                                                                                          |           |        |  |          |  |  |

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| PRODUCT NUMBER |
|----------------|
| 51939-074__    |
| 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. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-074 AND 51939-074LF 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.
  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. A 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         | ecn no.        | dr | date |            |              |                                       |  | COPY       |  |                           |                 |                    |        |
| C           |                |    |      | linear     |              | $.XX \pm .01 / 0.X \pm 0.3$           |  | projection |  | title                     | 3ACP + 24S + 8P |                    |        |
|             |                |    |      |            |              | $.XXX \pm .005 / 0.XX \pm 0.13$       |  |            |  | RIGHT ANGLE SOLDER HEADER |                 |                    |        |
|             |                |    |      | angles     |              | $.XXX \pm .0020 / 0.XXX \pm 0.051$    |  |            |  | product family            | PwrBlade        | code               | 213    |
|             |                |    |      | dr         | M. MOSTOLLER | 7/30/03                               |  | INCH/MM    |  | size                      |                 | sheet              | 4 of 4 |
|             |                |    |      | engr       | M. MOSTOLLER | 7/30/03                               |  | scale      |  | dwg no                    | 51939-074       |                    |        |
|             |                |    |      | chr        | H. BREWBAKER | 7/30/03                               |  | 1:1        |  | A                         |                 |                    |        |
|             |                |    |      | appd       | M. MOSTOLLER | 7/30/03                               |  |            |  |                           |                 |                    |        |
| sheet index | revision sheet |    |      |            |              |                                       |  |            |  |                           |                 |                    |        |

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