

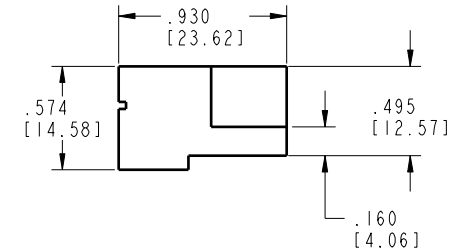
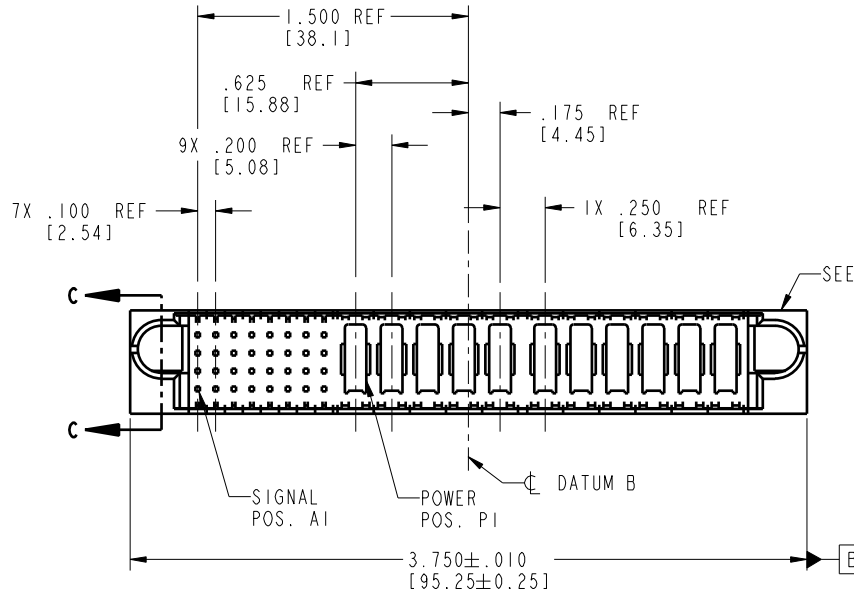
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**A** FCI

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| PRODUCT NO. | ROWS             | SIGNAL                                                                            |   |   |   |   |   |   |   | POWER |    |    |    |    |    |    |    |    |    |     | E2 |                                                                                     |
|-------------|------------------|-----------------------------------------------------------------------------------|---|---|---|---|---|---|---|-------|----|----|----|----|----|----|----|----|----|-----|----|-------------------------------------------------------------------------------------|
|             |                  | E1                                                                                | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8     | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 |    | P11                                                                                 |
| 51939-125LF | D<br>C<br>B<br>A |  | X | X | X | X | X | X | X | X     | X  | X  | X  | X  | X  | X  | X  | X  | X  | X   | X  |  |

NOTE: NO CONTACTS ARE LOADED



| CODE | DIM "M"<br>MATING<br>LENGTH | CONTACT<br>TYPE |
|------|-----------------------------|-----------------|
| X    | OMITTED                     | OMITTED         |

| mat'l code  |           |       |          | SEE NOTE 2 |                 | tolerances unless otherwise specified |                        | CUSTOMER   |            | A FCI     |                    | www.fciconnect.com |       |
|-------------|-----------|-------|----------|------------|-----------------|---------------------------------------|------------------------|------------|------------|-----------|--------------------|--------------------|-------|
| lir         | ecn no.   | dr    | date     | linear     | linear          | linear                                | linear                 | projection | projection | title     | title              | product family     | code  |
| A           | V04-0651  | TAB   | 06/21/04 | linear     | .XX±.01/0.X±0.3 | .XXX±.005/0.XX±0.13                   | .XXX±.0020/0.XXX±0.051 | 0°±2°      | 0°±2°      | 32S + 11P | RIGHT ANGLE HEADER | PwrBlade           | 213   |
| B           | DG06-0013 | RYAN  | 01/11/06 | linear     |                 |                                       |                        |            |            |           |                    |                    |       |
|             |           |       |          | dr         | T. BRUNGARD     | 06/21/04                              |                        |            |            |           |                    |                    |       |
|             |           |       |          | engr       | M. GRAY         | 06/21/04                              |                        |            |            |           |                    |                    |       |
|             |           |       |          | chr        | M. GRAY         | 06/21/04                              |                        |            |            |           |                    |                    |       |
|             |           |       |          | appd       | M. GRAY         | 06/21/04                              |                        |            |            |           |                    |                    |       |
| sheet index | revision  | sheet | sheet    | sheet      | sheet           | sheet                                 | sheet                  | sheet      | sheet      | sheet     | sheet              | sheet              | sheet |
|             | B         | B     | B        | B          | B               | B                                     | B                      | B          | B          | B         | B                  | B                  | B     |
|             | 1         | 2     | 3        | 4          |                 |                                       |                        |            |            |           |                    |                    |       |

Pro/E

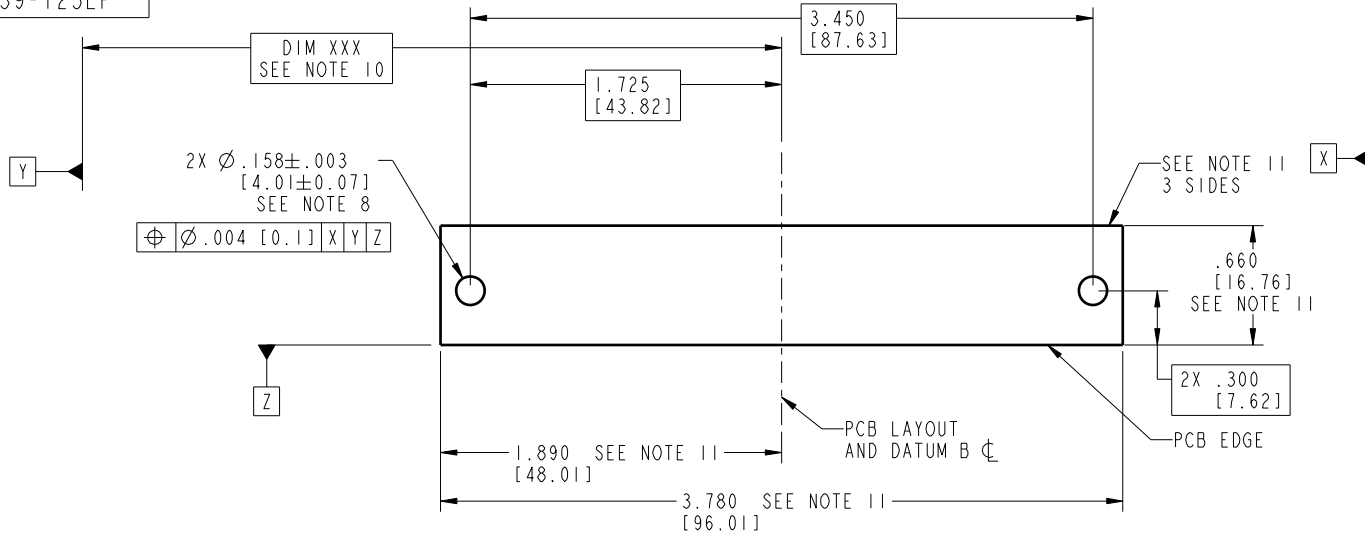
code code 22526

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**PRODUCT NUMBER**  
51939-125LF



**NOTES:**

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

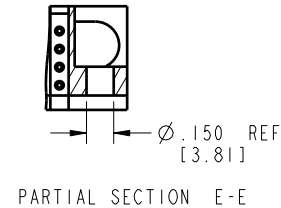
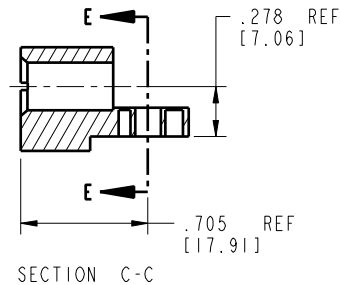
**CONNECTOR NOTES:**

2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED  
HIGH-TEMP THERMOPLASTIC  
POWER CONTACT MATERIAL: COPPER ALLOY  
SIGNAL PIN MATERIAL: COPPER ALLOY
3. MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.
4. PRODUCT SPECIFICATION GS-12-149.  
APPLICATION SPECIFICATION BUS-20-067.
5. PACKAGED IN TRAYS.

PRODUCT MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY 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.

**RECOMMENDED PCB LAYOUT**



| mat'l code  |          |       |      | tolerances unless otherwise specified |                     | CUSTOMER |            |
|-------------|----------|-------|------|---------------------------------------|---------------------|----------|------------|
| lir         | ecn no.  | dr    | date | linear                                | angular             | COPY     | PROJECTION |
| B           |          |       |      | .XX±.01/0.X±0.3                       | .XXX±.005/0.XX±0.13 |          |            |
|             |          |       |      | .XXX±.0020/0.XXX±0.051                | 0°±2°               |          |            |
|             |          |       |      | dr                                    | engr                | INCH/MM  | scale      |
|             |          |       |      | T. BRUNGARD 06/21/04                  | M. GRAY 06/21/04    |          | 1:1        |
|             |          |       |      | chr                                   | M. GRAY 06/21/04    |          |            |
|             |          |       |      | appd                                  | M. GRAY 06/21/04    |          |            |
| sheet index | revision | sheet |      |                                       |                     |          |            |

**FCI** [www.fciconnect.com](http://www.fciconnect.com)

title 32S + 11P  
RIGHT ANGLE HEADER

product family PwrBlade code 213

size A 51939-125 sheet 2 of 2

Pro/E

code code 22526