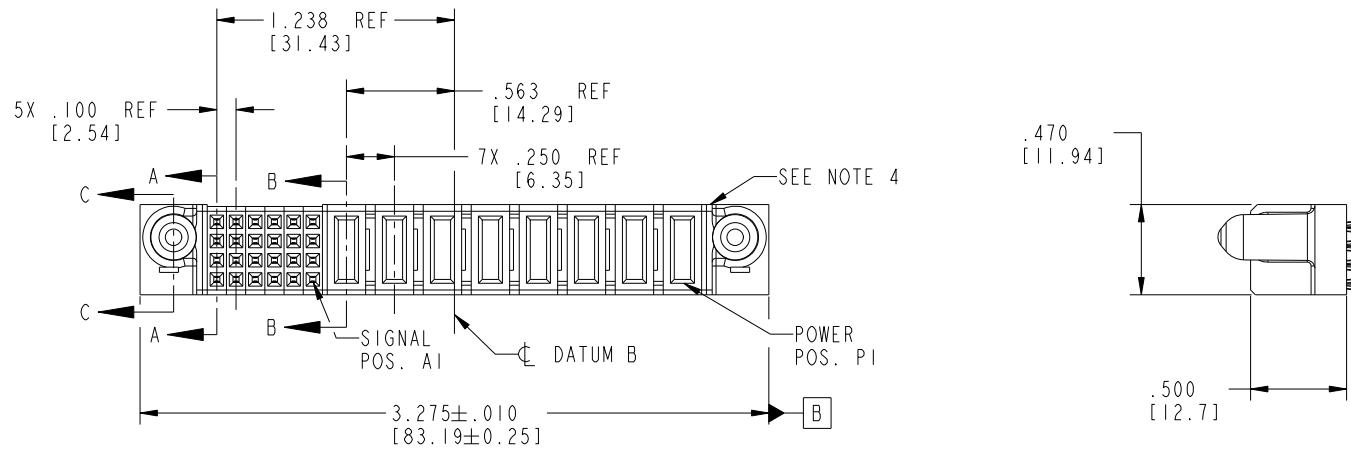




| PRODUCT NO. | ROWS | | SIGNAL | | POWER | | | | | | | | E1 |
|------------------------|------------------|--|--------|-------------|-------|----|----|----|----|----|----|----|----|
| | | | E2 | 6 5 4 3 2 1 | P8 | P7 | P6 | P5 | P4 | P3 | P2 | P1 | |
| 51752-006-- NOTE: 3 | D C B A | | | | PC | PC | PC | PC | PF | PF | PF | PF | |



| CODE | DIM "M" MATING LENGTH | CONTACT TYPE |
|------|-----------------------------|-----------------|
| F | N/A [N/A] | SIGNAL |
| PC | .042 [1.07] | POWER |
| PF | .092 [2.34] | POWER |

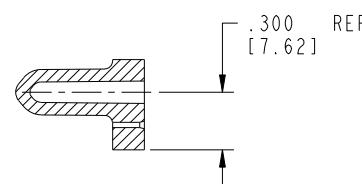
| mat'l code | | | | SEE NOTE 2 | | tolerances unless otherwise specified | | CUSTOMER COPY | projection | title | www.fciconnect.com |
|------------|-----------|-------|----------|------------|--------------|---------------------------------------|--------------|------------------|------------|-------------------------------|--------------------|
| ltr | ecn no. | dr | date | | | | | | | | |
| A | V20522 | JWS | 03-14-02 | linear | | $XX \pm .010$ | $XX \pm .03$ | | | 8P + 24S | |
| B | DG05-0522 | GuoJM | 12/07/05 | | | $XXX \pm .005$ | 0.00 | $XXX \pm .013$ | | VERTICAL PRESS-FIT RECEPTACLE | |
| C | DG08-0251 | W D | 09/13/08 | angles | | $XXX \pm .0020$ | 0.00 | $XXX \pm .051$ | | | |
| | | | | | | 0° | $+2^\circ$ | | | | |
| | | | | dr | J. SHAFFER | 03-14-02 | | | | | |
| | | | | engr | M. MOSTOLLER | 03-14-02 | | | | | |
| | | | | chr | M. MOSTOLLER | 03-14-02 | | | | | |
| | | | | oppd | M. MOSTOLLER | 03-14-02 | | | | | |
| | | | | | | | | | | | |
| | | | | sheet | | | | | | | |
| | | | | index | | | | | | | |
| | | | | revision | C | C | C | C | | | |
| | | | | sheet | 1 | 2 | 3 | 4 | | | |

1 | 2

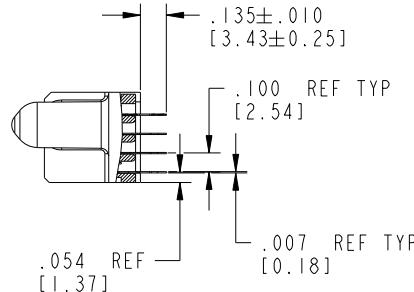
3 |

4

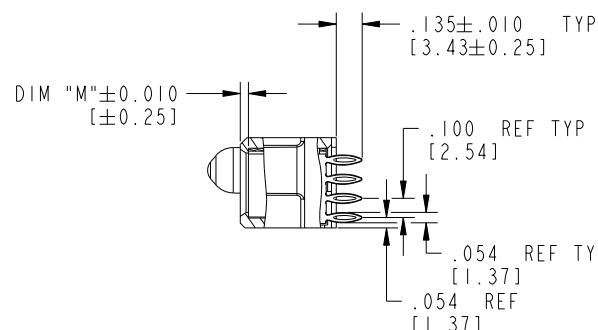
PRODUCT NUMBER
51752-006--
NOTE: 3



SECTION C - C

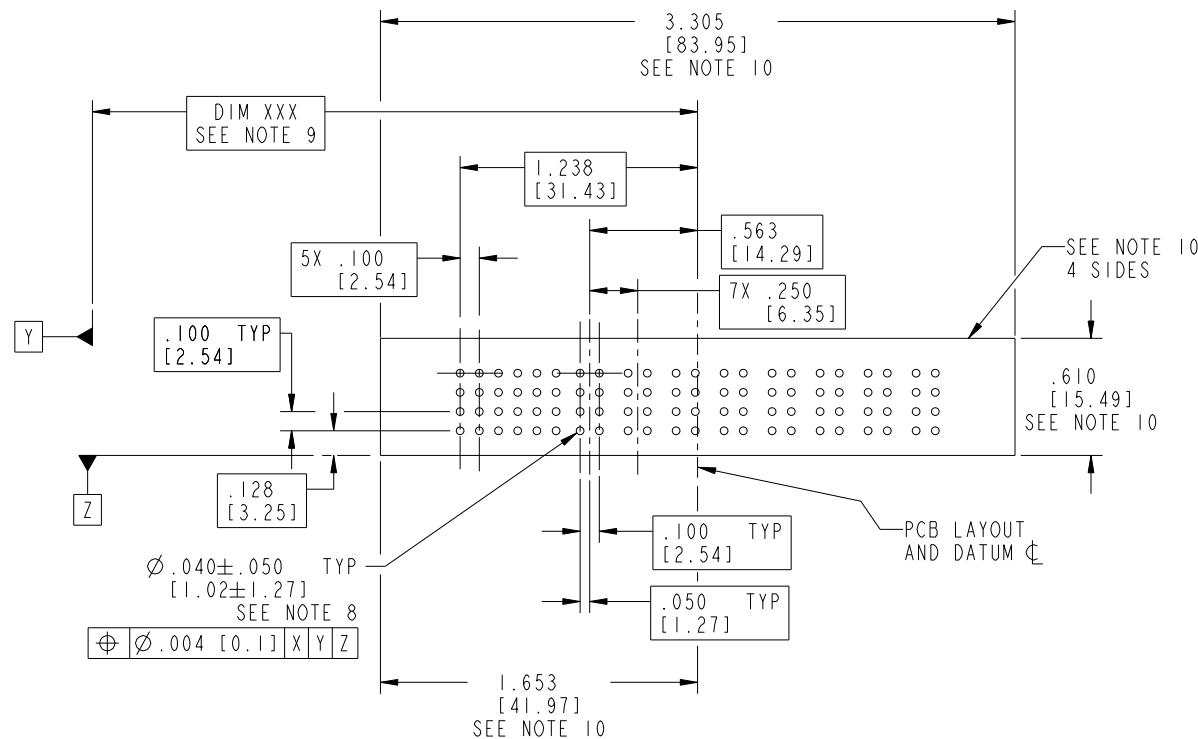


SECTION A-A



SECTION B-E

PRODUCT NUMBER
51752-006--
NOTE: 3



RECOMMENDED PCB LAYOUT

| | | | | | | | | | |
|-------------|---------|----------------|------|---------------------------------------|--|------------|---|--------------------|---|
| mat'l code | | SEE NOTE 2 | | tolerances unless otherwise specified | | CUSTOMER |  | www.fciconnect.com | |
| ltr | ecn no. | dr | date | linear | $XX \pm 0.010, X \pm 0.3$ $XXX \pm 0.005, 0.0XX \pm 0.13$ $XXXX \pm 0.0020/0.0, XXX \pm 0.051$ | | | COPY | title 8P + 24S VERTICAL PRESS-FIT RECEPTACLE |
| C | | | | angles | $0^\circ \pm 2^\circ$ | projection | | | |
| | | | | dr | J. SHAFFER 03-14-02 | INCH/MM | | | |
| | | | | engr | M. MOSTOLLER 03-14-02 | | | | |
| | | | | chr | M. MOSTOLLER 03-14-02 | scale | | | |
| | | | | oppd | M. MOSTOLLER 03-14-02 | 1:1 | | | |
| sheet index | | revision sheet | | | | | | | |
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| PRODUCT NUMBER |
| 51752-006-- |
| NOTE: 3 |

NOTES:

- I. 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 7 & 8 IN PRINT 10064183 FOR PLATING SPEC OF 51752-006 AND 51752-006LF 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. Ø.0453±0.0010 [1.151±0.025] DRILLED HOLES PLATED WITH
0.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
Ø.040±.003 [1.02±.07] HOLE.

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

- #### 10. CONNECTOR KEEP-OUT ZONE.

11. 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 |  | www.fciconnect.com | | |
| ltr | ecn no. | dr | date | | | .XX±.01/X±0.3 | | | | COPY | | |
| C | | | | linear | | .XXX±.005/X.XX±0.13 | | projection | title 8P + 24S | | | |
| | | | | | | | | .XXXX±.0020/X.XXX±0.051 | | | VERTICAL PRESS-FIT RECEPTACLE | |
| | | | | angles | | 0°±2° | | | | | | |
| | | | | | | | | | | | | |
| | | | dr | J. SHAFFER | | 03-14-02 | | INCH/MM | product family | | PwrBlade | code |
| | | | engr | M. MOSTOLLER | | 03-14-02 | | | | size | dwg no | |
| | | | chr | M. MOSTOLLER | | 03-14-02 | | scale | A | | 51752-006 | sheet |
| | | | oppd | M. MOSTOLLER | | 03-14-02 | | | | | | |
| sheet index | | revision sheet | | | | | | | | | | |

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