

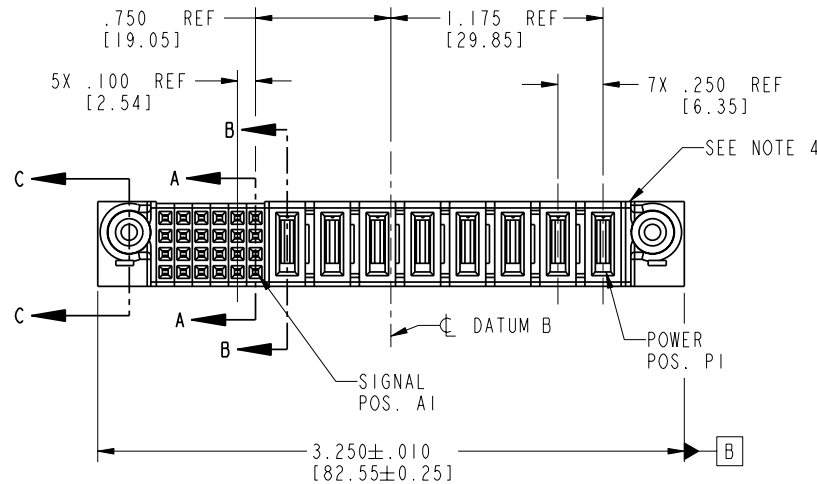
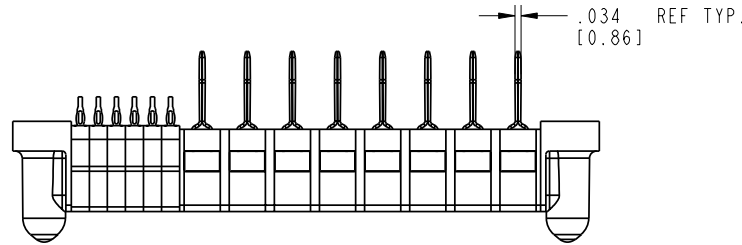


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| PRODUCT NO. | ROWS | SIGNAL | | | | | | | | POWER | | | | | | | | E1 |
|----------------------|------------------|---|---|---|---|---|---|---|----|-------|----|----|----|----|----|----|---|----|
| | | E2 | 6 | 5 | 4 | 3 | 2 | 1 | P8 | P7 | P6 | P5 | P4 | P3 | P2 | P1 | | |
| 51752-020-- NOTE③ | D C B A |  | F | F | F | F | F | F | PG | PG | PH | PH | PH | PH | PG | PG |  | |



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

| mat'l code | | | | tolerances unless otherwise specified | | CUSTOMER | | FCI | |
|-------------|-----------|------|----------|---------------------------------------|------------------------|------------|-----|--------------------------|--|
| lir | ecn no. | dr | date | linear | .XX±.01/0.X±0.3 | COPY | | www.fciconnect.com | |
| A | DG06-0114 | RYAN | 03/17/06 | | .XXX±.005/0.XX±0.13 | projection | | title 8CP + 24S | |
| B | DG06-0225 | RYAN | 06/06/06 | | .XXX±.0020/0.XXX±0.051 | INCH/MM | | VERTICAL PF/CABLE RECEPT | |
| | | | | angles | 0°±2° | scale | 1:1 | product family PwrBlade | |
| | | | | dr | RYAN YUAN 03/17/06 | | | code 213 | |
| | | | | enrg | SALLY LUO 03/17/06 | | | size dwg no | |
| | | | | chr | BEER FU 03/17/06 | | | 51752-020 | |
| | | | | appd | JOSEPH HSIA 03/17/06 | | | sheet 1 of 4 | |
| sheet index | revision | B | B | B | B | | | cage code 22526 | |
| | sheet | 1 | 2 | 3 | 4 | | | | |

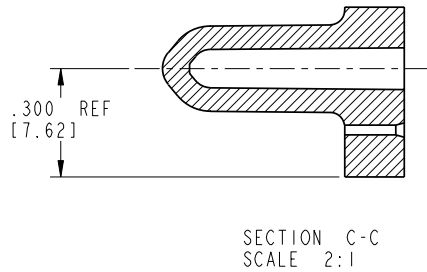
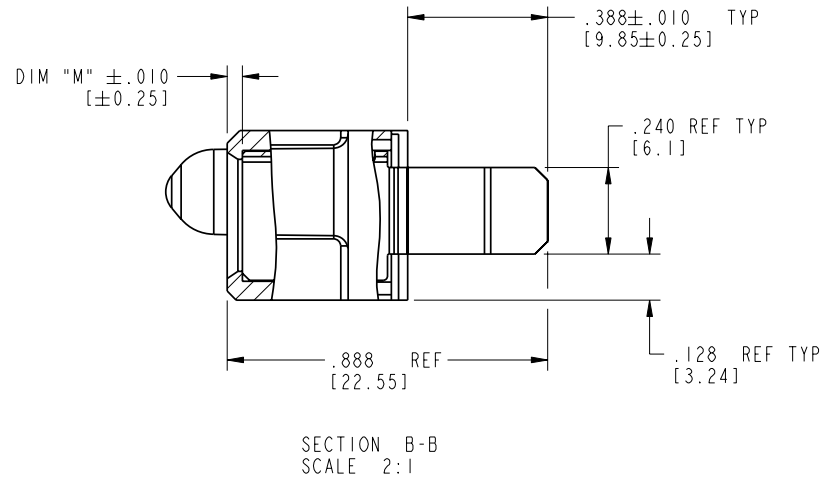
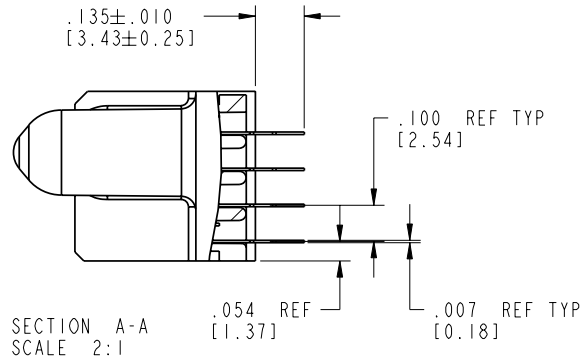
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PRODUCT NUMBER
51752-020--
NOTE ③



| mat'l code | | | | SEE NOTE 2 | | tolerances unless otherwise specified | | CUSTOMER | | FCI | |
|-------------|----------|-------|------|------------|-------------|---------------------------------------|--|------------|--|--------------------------|--------------|
| lir | ecr no. | dr | date | linear | | .XX±.01/0.X±0.3 | | COPY | | www.fciconnect.com | |
| B | | | | | | .XXX±.005/0.XX±0.13 | | projection | | title 8CP + 24S | |
| | | | | angles | | .XXX±.002/0.XXX±0.051 | | | | VERTICAL PF/CABLE RECEPT | |
| | | | | dr | RYAN YUAN | 03/17/06 | | INCH/MM | | product family | PwrBlade |
| | | | | enrg | SALLY LUO | 03/17/06 | | scale | | size | dwg no |
| | | | | chr | BEER FU | 03/17/06 | | 1:1 | | A | 51752-020 |
| | | | | appd | JOSEPH HSIA | 03/17/06 | | | | | code |
| sheet index | revision | sheet | | | | | | | | | 213 |
| | | | | | | | | | | | sheet 2 of 4 |

Pro/E

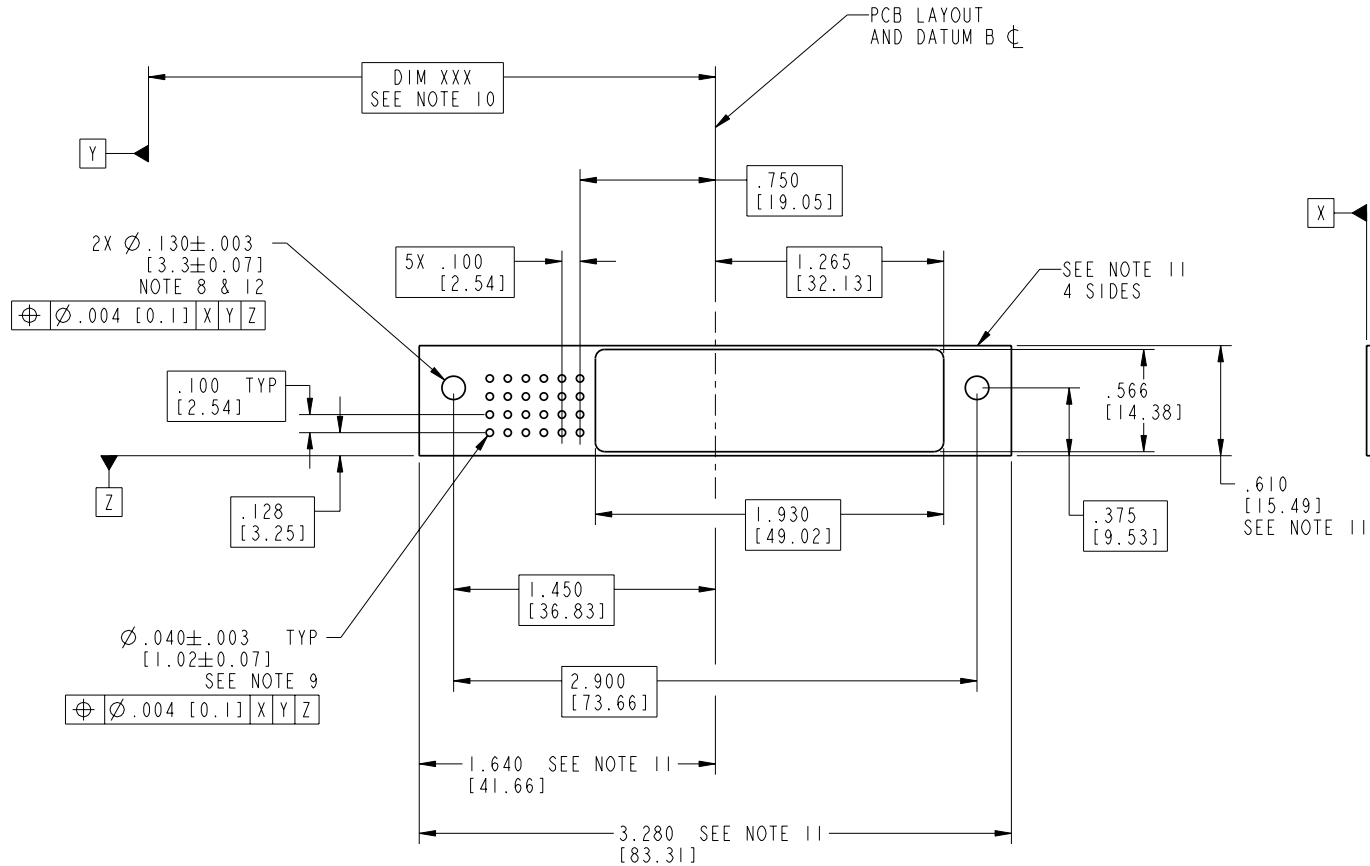
code code 22526

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PRODUCT NUMBER
51752-020--
NOTE ③



| mat'l code | | | | tolerances unless otherwise specified | | CUSTOMER | | FCI | |
|-------------|----------|-------|------|---------------------------------------|-----------------------|------------|--|--------------------------|--|
| lfr | ecn no. | dr | date | linear | .XX±.01/0.X±0.3 | COPY | | www.fciconnect.com | |
| B | | | | angles | .XXX±.005/0.XX±0.13 | projection | | title 8CP + 24S | |
| | | | | dr | .XXX±.002/0.XXX±0.051 | | | VERTICAL PF/CABLE RECEPT | |
| | | | | enrg | 0°±2° | INCH/MM | | product family PwrBlade | |
| | | | | chr | RYAN YUAN 03/17/06 | scale | | code 213 | |
| | | | | appd | SALLY LUO 03/17/06 | | | size dwg no | |
| | | | | | BEER FU 03/17/06 | | | A 51752-020 | |
| | | | | | JOSEPH HSIA 03/17/06 | | | sheet 3 of 4 | |
| sheet index | revision | sheet | | | | | | | |

cage code 22526

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PRODUCT NUMBER
51752-020--
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:
SEE PRINT 10064183 FOR PLATING SPEC OF 51752-020; 51752-020LF

- 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 RECOMMENDED RETENTION TO PCB
 $\varnothing .130$ [3.3] THRU HOLE FOR #5 SOCKET HEAD CAP SCREW
MAX. HEAD .205 [5.21], RECOMMEND SCREW LENGTH .472 [12] + PCB THICKNESS,
RECOMMENDED SCREW SEATING TO PCB TORQUE: 2-5 lbs-in [2300-5760 gf-cm]

| mat'l code | | | | tolerances unless otherwise specified | | CUSTOMER | | FCI | |
|-------------|----------|-------|------|---------------------------------------|--------------------------------------|------------|--|--------------------------|--------------|
| lfr | ecn no. | dr | date | linear | .XX \pm .01 / 0.X \pm 0.3 | COPY | | www.fciconnect.com | |
| B | | | | linear | .XXX \pm .005 / 0.XX \pm 0.13 | projection | | title | 8CP + 24S |
| | | | | angles | .XXX \pm .0020 / 0.XXX \pm 0.051 | | | VERTICAL PF/CABLE RECEPT | |
| | | | | dr | RYAN YUAN 03/17/06 | INCH/MM | | product family | PwrBlade |
| | | | | enrg | SALLY LUO 03/17/06 | scale | | size | dwg no |
| | | | | chr | BEER FU 03/17/06 | 1:1 | | A | 51752-020 |
| | | | | appd | JOSEPH HSIA 03/17/06 | | | | code |
| sheet index | revision | sheet | | | | | | | 213 |
| | | | | | | | | | sheet 4 of 4 |

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