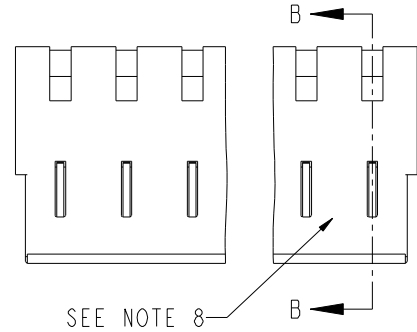


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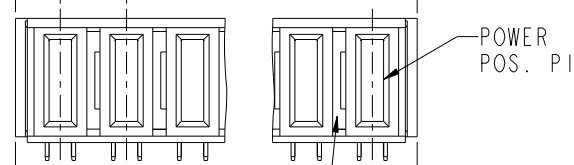
PRODUCT NUMBER
51767-ABB00000EF_--
SEE NOTE 1



SEE NOTE 8

DIM "A" ±.010
NOTE 9 [±0.25]

0.250 REF TYP
[6.35]

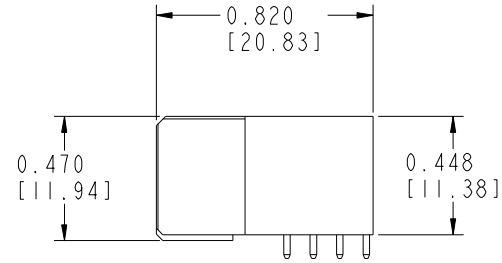


0.170 REF
[4.32]

VOID CORING
OPTION, TYP

0.170 REF
[4.32]

0.100 REF TYP
[2.54]



| | | | | | | | | | | | |
|-------------|----------------|-------|----------|------------|-----------------------|---------------------------------------|---------|----------|--|-----|--------|
| mat'l code | | | | SEE NOTE 2 | | tolerances unless otherwise specified | | CUSTOMER | | FCI | |
| ltr | ecn no. | dr | date | linear | .XX±.01/.XX±.3 | projection | COPY | | www.fciconnect.com | | |
| A | V02389 | JRW | 10/5/00 | | .XXX±.005/.XX±.13 | | INCH/MM | | title | | |
| B | V21512 | TAB | 10/04/02 | angles | .XXXX±.0020/.XXX±.051 | | 3:2 | | RIGHT ANGLE RECEPTACLE w/o GUIDE PIN POWER | | |
| C | V03-0769 | TAB | 07/18/03 | | 0°±2° | | scale | | product family | | code |
| D | DG06-0295 | JMG | 07/20/06 | dr | LEV4 | 10/14/99 | A | | PWRBLADE | | 213 |
| E | DG07-0012 | JULIA | 01/16/07 | enrg | J. BROWN | 10/14/99 | A | | size dwg no | | sheet |
| F | DG08-0239 | JC | 09/11/08 | chr | J. BROWN | 10/14/99 | A | | 51767 | | 1 of 3 |
| | | | | appd | J. BROWN | 10/14/99 | | | | | |
| sheet index | revision sheet | F | F | F | | | | | | | |
| | | 1 | 2 | 3 | | | | | | | |

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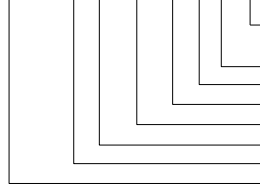
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| | | |
|-------------------|---|------------------------------|
| PRODUCT NUMBER | DIM | LENGTH FORMULAS (SEE NOTE 9) |
| 51767-ABB00000EF_ | DIM "A" .250 [6.35] x BB + .090 [2.29] (NOTE 9) | |
| SEE NOTE 1 | DIM "F" .250 [6.35] x BB + .120 [3.05] | |

CONNECTOR NOTES:

1. PRODUCT NUMBER CODE:

51767 - A BB 000 00 E F LF



NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE
 ADD THIS SUFFIX: 78u"/2.00um Sn ON PCB INTERFACE $\triangle F$
 ALWAYS "0" (ZERO) (NOTE 7)
 TAIL OPTIONS (NOTE 6)
 ALWAYS '00' (ZERO,ZERO)
 ALWAYS '000' (ZERO,ZERO,ZERO) (NOTE 5)
 NUMBER OF POWER CONTACTS (NOTE 4)
 PLATING (NOTE 3)
 BASE NUMBER

2. HOUSING MATERIAL: GLASS FILLED V-0 HIGH TEMP THERMO PLASTIC
 POWER CONTACT MATERIAL: COPPER ALLOY

3. PLATING OPTION:

1 = SEE PRINT 10064183 FOR PLATING SPEC OF 51767-1BB00000EF; 51767-1BB00000EFLF

4. POWER CONTACTS, 01 TO 20 AVAILABLE.
 MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR

5. THIS PART IS NOT AVAILABLE WITH SIGNAL CONTACTS.

6. TAIL OPTIONS:

A = .135±0.010 [3.43±0.25] SOLDER TO BOARD
 B = .090 +.005/- .010 [2.29 +0.13/-0.25] SOLDER TO BOARD
 C = .154 ±.010 [3.91 ±0.25] PRESS-FIT TO BOARD

7. BOARD RETENTION NOT AVAILABLE WITH GUIDLESS ENDS

8. MANUFACTURE'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.

9. THE MAXIMUM OVERALL LENGTH (DIM A) OF A PART IS 8.00 [203.2].

10. PRODUCT SPECIFICATION GS-12-149.

11. APPLICATION SPECIFICATION BUS-20-067.

PCB NOTES:

12. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.

13. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10].

14. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

15. $\varnothing 0.0453 \pm 0.001$ [1.151±0.02] DRILLED HOLES PLATED WITH 0.0003 [0.007] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] PLATING TO ACHIEVE A 0.040±0.003 [1.02±0.08] HOLE.

16. A $\triangle F$ 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 | ecr no. | dr | date | linear | .XX±.01/.XX±.3 | COPY | | projection | | title | |
| F | | | | | .XXX±.005/.XX±.13 | INCH/MM | | RIGHT ANGLE RECEPTACLE w/o GUIDE PIN POWER | | product family | |
| | | | | angles | .XXX±.0020/.XXX±.051 | 3:2 | | PWRBLADE | | code | |
| | | | | dr | 0°±2° | A | | size | | 213 | |
| | | | | enr | LEV4 10/14/99 | scale | | dwg no | | sheet | |
| | | | | chr | J. BROWN 10/14/99 | A | | 51767 | | 2 | |
| | | | | appd | J. BROWN 10/14/99 | cage code | | 22526 | | 4 | |
| sheet index | revision sheet | | | | | | | | | | |

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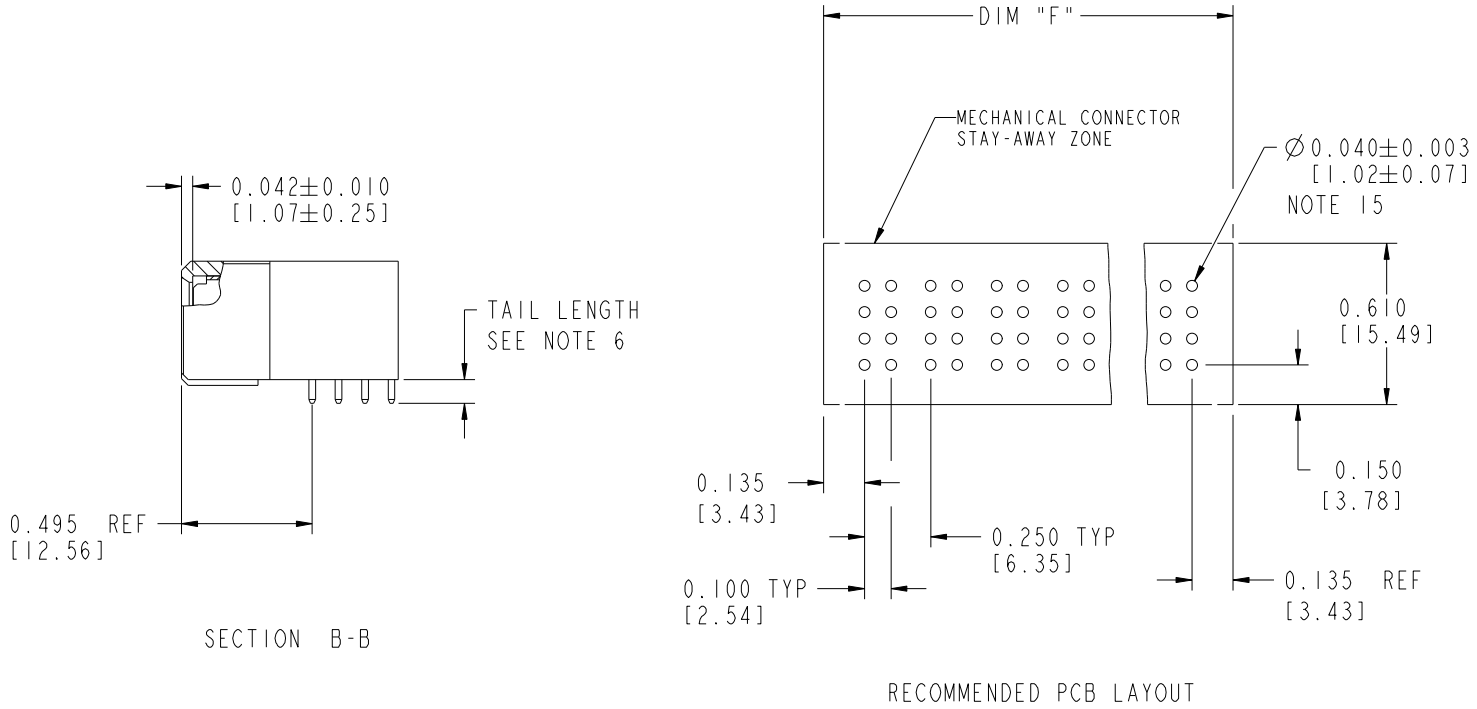
cage code 22526

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| |
|---------------------|
| PRODUCT NUMBER |
| 51767-ABB00000EF_.. |
| SEE NOTE 1 |



| | | | | | | | | | | | | |
|-------------|----------------|----|------|------------|----------------------|---------------------------------------|--|----------------|--|--|--|--|
| mat'l code | | | | SEE NOTE 2 | | tolerances unless otherwise specified | | CUSTOMER | | FCI | | |
| ltr | ecn no. | dr | date | linear | .XX±.01/.XX±.3 | projection | | COPY | | www.fciconnect.com | | |
| F | | | | angles | .XXX±.005/.XX±.13 | INCH/MM | | title | | RIGHT ANGLE RECEPTACLE w/o GUIDE PIN POWER | | |
| | | | | dr | .XXX±.0020/.XXX±.051 | scale | | product family | | PWRBLADE code | | |
| | | | | enr | 0°±2° | 3:2 | | size | | 213 | | |
| | | | | chr | LEV4 10/14/99 | A | | dwg no | | sheet | | |
| | | | | appd | J. BROWN 10/14/99 | | | 51767 | | 3 | | |
| | | | | | J. BROWN 10/14/99 | | | | | | | |
| sheet index | revision sheet | | | | | | | | | | | |

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