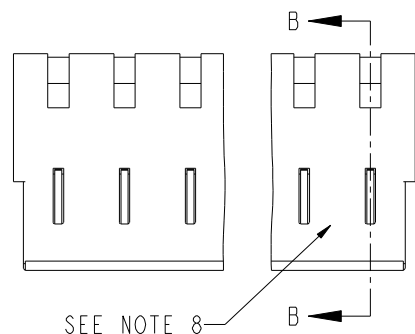


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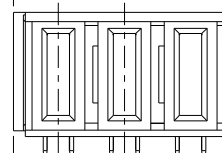
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PRODUCT NUMBER
51767-ABB00000EF__
SEE NOTE 1



DIM "A" ± 0.010
NOTE 9 $[\pm 0.25]$

0.250 REF TYP
[6.35]



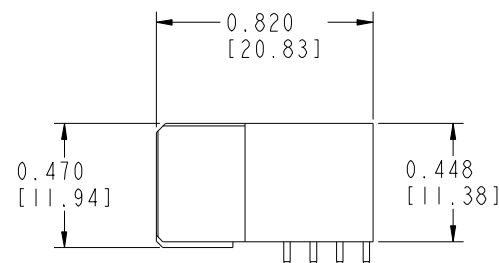
0.170 REF
[4.32]

0.100 REF TYP
[2.54]

VOID CORING
OPTION, TYP

POWER
POS. P1

0.170 REF
[4.32]



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER			
litr	ecr no.	dr	date												
A	V02389	JRW	10/5/00	linear				.XX $\pm$.01/.X $\pm$.3				COPY			
B	V21512	TAB	10/04/02					.XXX $\pm$.005/.XX $\pm$.13				projection			
C	V03-0769	TAB	07/18/03	angles				.XXXX $\pm$.0020/.XXX $\pm$.051							
D	DG06-0295	JMG	07/20/06	dr	LEV4	10/14/99		0° $\pm$ 2°				INCH/MM			
E	DG07-0012	JULIA	01/16/07	enrg	J. BROWN	10/14/99						scale			
F	DG08-0239	JC	09/11/08	chr	J. BROWN	10/14/99						3:2			
				appd	J. BROWN	10/14/99									
sheet index		revision sheet		F	F	F									
				I	2	3									

Pro/E

3

cage code 22526

4

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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 
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/-0.010 [2.29 +0.13/-0.25] SOLDER TO BOARD
C = .154 ±0.010 [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  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	
litr	ecr no.	dr	date			.XX±.01/.XX±.3		COPY		www.fciconnect.com	
F				linear		.XXX±.005/.XX±.13		projection		RIGHT ANGLE RECEPTACLE w/o GUIDE PIN POWER	
						.XXX±.0020/.XX±.051					
				angles		0°±2°		INCH/MM		product family PWRBLADE code	
				dr	LEV4	10/14/99		scale		size dwg no	
				enrg	J. BROWN	10/14/99		3:2		51767	
				chr	J. BROWN	10/14/99				213	
				appd	J. BROWN	10/14/99				sheet 2	
sheet index	revision sheet										

cage code 22526

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PRODUCT NUMBER
51767-ABB00000EF_..
SEE NOTE 1

0.042±0.010
[1.07±0.25]

TAIL LENGTH
SEE NOTE 6

0.495 REF
[12.56]

SECTION B-B

DIM "F"

MECHANICAL CONNECTOR
STAY-AWAY ZONE

Ø 0.040±0.003
[1.02±0.07]
NOTE 15

0.610
[15.49]

0.150
[3.78]

0.135 REF
[3.43]

0.250 TYP
[6.35]

0.135
[3.43]

0.100 TYP
[2.54]

RECOMMENDED PCB LAYOUT

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

Pro/E