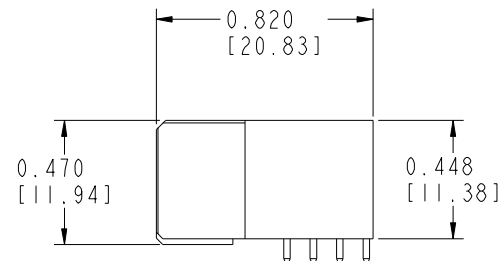
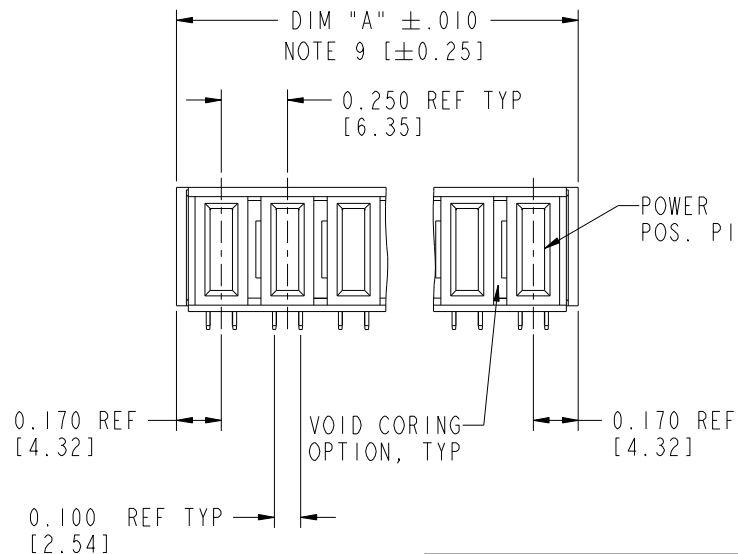
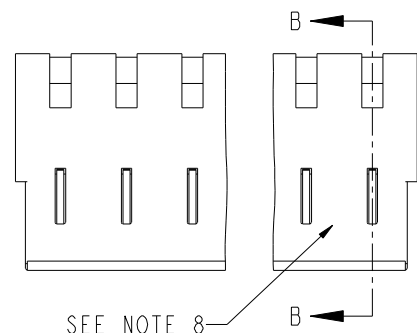


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PRODUCT NUMBER  
51767-ABB00000EF\_\_  
SEE NOTE 1



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date			linear	.XX±.01/.X±.3	COPY		projection		title	
A	V02389	JRW	10/5/00				.XXX±.005/.XX±.13					RIGHT ANGLE RECEPTACLE w/o GUIDE PIN	
B	V21512	TAB	10/04/02				.XXXX±.0020/.XXX±.051					POWER	
C	V03-0769	TAB	07/18/03			angles	0°±2°						
D	DG06-0295	JMG	07/20/06			dr	LEV4	10/14/99				product family	PWRBLADE
E	DG07-0012	JULIA	01/16/07			enrg	J. BROWN	10/14/99				size	dwg no
F	DG08-0239	JC	09/11/08			chr	J. BROWN	10/14/99				scale	51767
						appd	J. BROWN	10/14/99				sheet	213
												1 of 3	
sheet index	revision	F	F	F									
	sheet	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   
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. Ø0.0453±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/.X±.3		COPY		www.fciconnect.com	
F				linear		.XXX±.005/.XX±.13		projection		title	
						.XXXX±.0020/.XXX±.051				RIGHT ANGLE RECEPTACLE w/o GUIDE PIN POWER	
				angles		0°±2°				product family	PWRBLADE
				dr	LEV4	10/14/99		scale		size	dwg no
				enrg	J. BROWN	10/14/99		3:2		A	51767
				chr	J. BROWN	10/14/99					213
				appd	J. BROWN	10/14/99					sheet
											2
sheet index	revision sheet										

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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

Ø0.040±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			
litr		ecr no.		dr		date		linear		.XX±.01/.X±.3		COPY		projection 		title RIGHT ANGLE RECEPTACLE w/o GUIDE PIN POWER							
F										.XXX±.005/.XX±.13													
								angles		.XXXX±.0020/.XXX±.051						product family PWRBLADE						code 213	
										0°±2°													
								dr		LEV4		10/14/99		INCH/MM		product family PWRBLADE		code 213					
								enrg		J. BROWN		10/14/99											
								chr		J. BROWN		10/14/99		scale 3:2		size A		dwg no 51767		sheet 3			
								appd		J. BROWN		10/14/99											
sheet index		revision sheet																					

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[51767-11100000C0LF](#) [51767-10900000C0LF](#) [51767-10200000A0LF](#) [51767-10200000C0LF](#)