



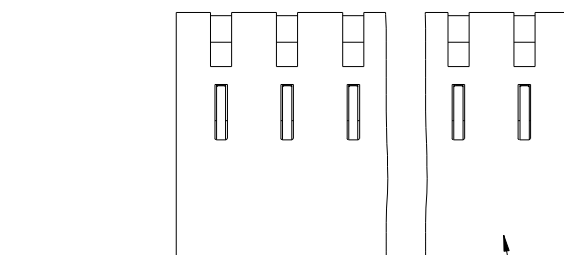
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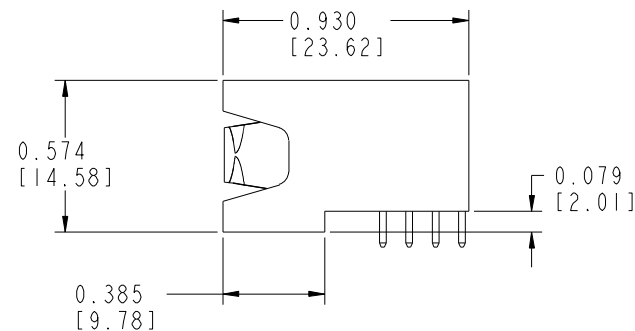
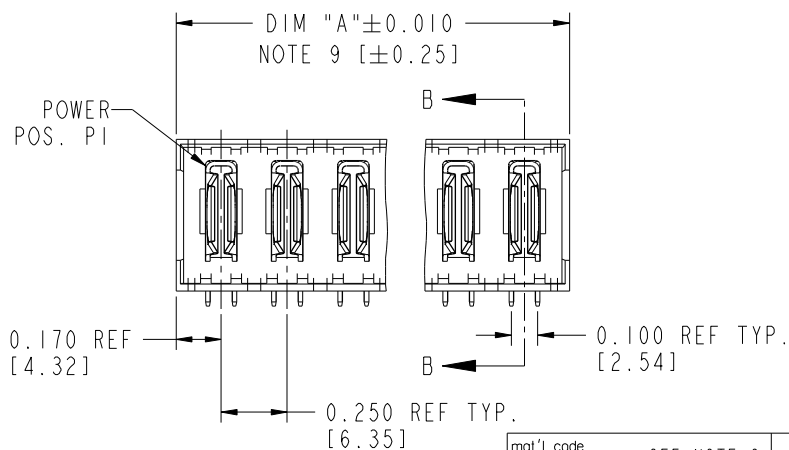
A

B

PRODUCT NUMBER
51727-ABB00000EF_..
SEE NOTE 1



SEE NOTE 8



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		title	
A	V02387	JRW	10/03/00			.XXX±.005/.XX±.13		projection		RIGHT ANGLE HEADER w/o GUIDE PIN	
B	V10990	JWS	04/05/01			.XXXX±.0020/.XXX±.051				POWER	
C	V12845	JWS	01/04/02	angles		0°±2°				product family	
D	DG06-0295	JMG	07/20/06	dr	LEV4	10/14/99		scale		PWRBLADE	code
E	DG07-0080	RYAN	03/09/07	enrg	J. BROWN	10/14/99				size	213
F	DG08-0239	JC	09/11/08	chr	J. BROWN	10/14/99				dwg no	sheet
				appd	J. BROWN	10/14/99		3:2		51727	1 of 3
sheet index	revision	F	F	F							
	sheet	1	2	3							

A

B

1 | 2

3 |

4

1 | 2

Pro/E

3 |

4

cage code 22526

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PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 9)
51727-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:

51727 - A BB 000 00 E 0 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 LENGTH (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:

1 = SEE PRINT 10064183 FOR PLATING SPEC OF 51727-1BB00000EF; 51727-1BB00000EFLF

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 LENGTH:

A = .135±0.010 [3.43±0.25] SOLDER TO BOARD AS SHOWN
C = .135±0.010 [3.43±0.25] PRESS-FIT

7. BOARD RETENTION NOT AVAILABLE WITH GUIDELESS 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. REFERENCE 51697 FOR SPECIALS WORKSHEET.

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 OR Sn OVER 0.001 [0.03] TO 0.003
[0.08] Cu PLATING TO ACHIEVE Ø0.040±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				NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date			.XX±.01/.XX±.3		COPY		www.fciconnect.com	
F				linear		.XXX±.005/.XX±.13		projection		RIGHT ANGLE HEADER w/o GUIDE PIN POWER	
						.XXX±.0020/.XX±.051					
				angles		0°±2°					
				dr	LEV4	10/14/99		INCH/MM		product family	PWRBLADE
				enrg	J. BROWN	10/14/99		scale		size	213
				chr	J. BROWN	10/14/99				dwg no	51727
				appd	J. BROWN	10/14/99				sheet	2
sheet index	revision sheet										

Pro/E

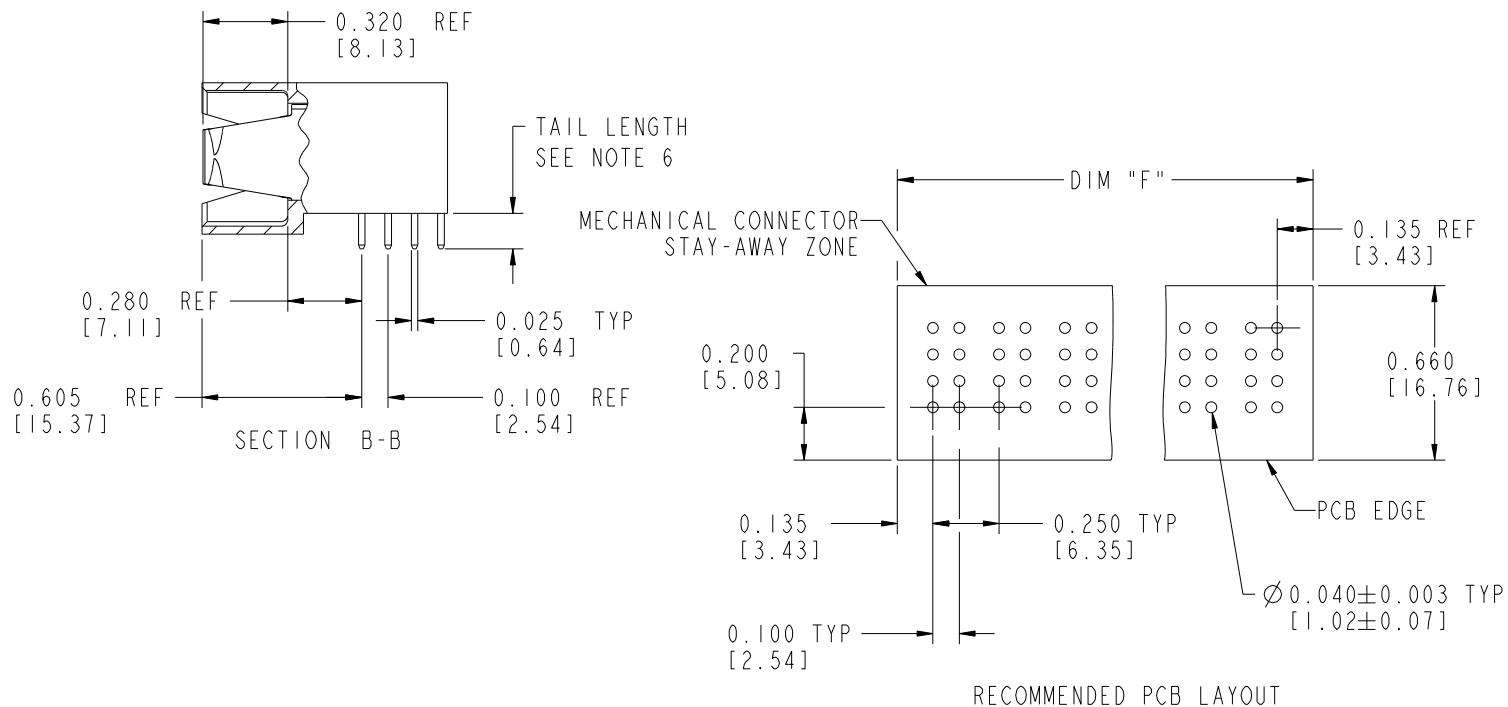
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PRODUCT NUMBER
51727-ABB00000EF_..



NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear	.XX±.01/.X±.3	COPY		www.fciconnect.com	
F					.XXX±.005/.XX±.13	projection		title RIGHT ANGLE HEADER w/o GUIDE PIN POWER	
				angles	.XXXX±.0020/.XXX±.051				
				dr	0°±2°	INCH/MM		product family	PWRBLADE
				enr	LEV4 10/14/99	scale		size	213
				chr	J. BROWN 10/14/99	3:2		dwg no	51727
				appd	J. BROWN 10/14/99			sheet	3
sheet index	revision sheet								

Pro/E

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