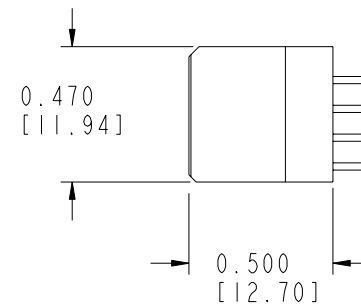
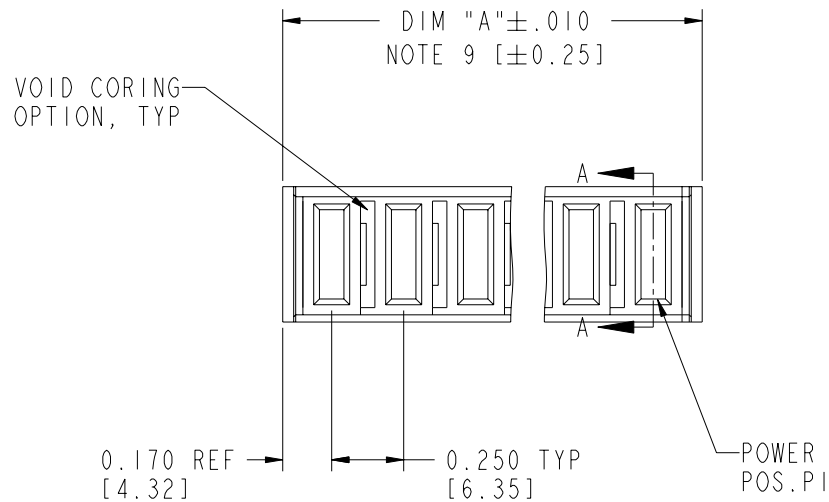
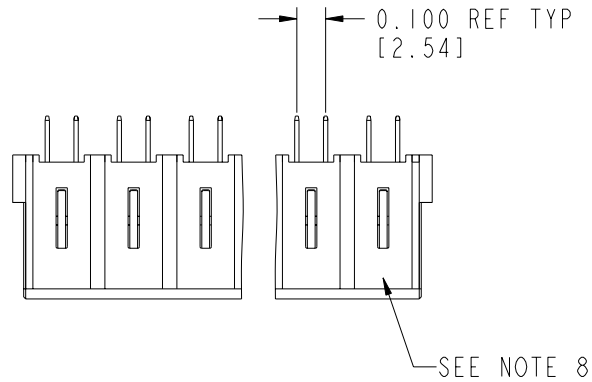
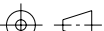




PRODUCT NUMBER
51747-ABB00000EF__
NOTE: 3
SEE NOTE 1



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com		
ltr	ecr no.	dr	date	linear	.XX±.01/.X±.3		COPY			title VERTICAL RECEPTACLE w/o GUIDE PIN POWER				
A	V02388	JWS	10/05/00		.XXX±.005/.XX±.13									
B	DG06-0475	JULIA	11/15/06		.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 3:2			size		dwg no		213
				chr	J. BROWN	10/14/99				A		51747		sheet
				appd	J. BROWN	10/14/99								1 of 3
sheet index	revision sheet	B 1	B 2	B 3										

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3

cage code 22526

4



PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 9)
51747-ABB00000EF__ NOTE: 3	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:

51747 - A BB 000 00 E 0 LF

NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE
ADD THIS SUFFIX: 78u"/2.00um Sn OR 5u" Au 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. 51747-1BB00000EF;51747-1BB00000EFLF;51747-3BB00000EFLF
PLATING SPEC. SEE PRINT:10064183

④. POWER CONTACT, 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±.010 [3.43±.25] SOLDER TO BOARD
C = .135±.010 [3.43±.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 51698 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 OVER 0.001 [0.03] TO 0.003 [0.08]
PLATING TO ACHIEVE A 0.040±0.003 [1.02±0.08] HOLE.

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com			
ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3		COPY				
B					.XXX±.005/.XX±.13		title				
					.XXX±.0020/.XXX±.051		VERTICAL RECEPTACLE w/o GUIDE PIN POWER				
				angles	0°±2°						
				dr	LEV4	10/14/99	product family			PWRBLADE	code
				enrg	J. BROWN	10/14/99	INCH/MM				
				chr	J. BROWN	10/14/99	scale			size	dwg no
				appd	J. BROWN	10/14/99	3:2			A	51747
sheet index		revision sheet									

cage code 22526

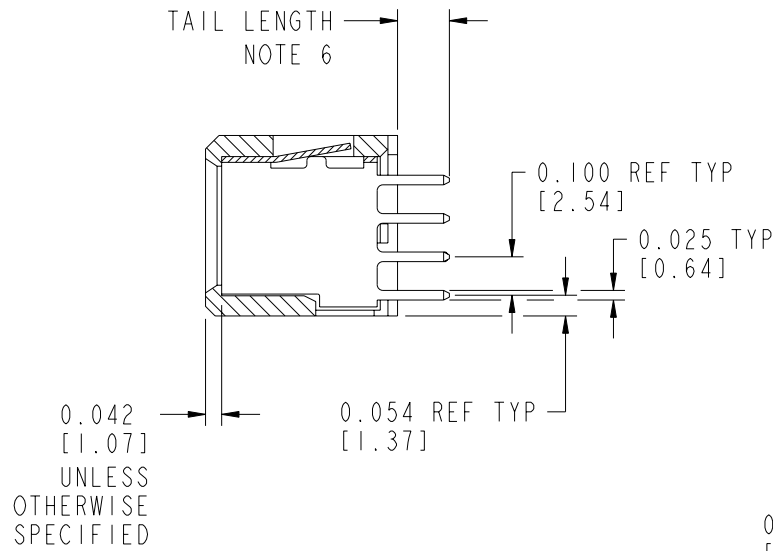
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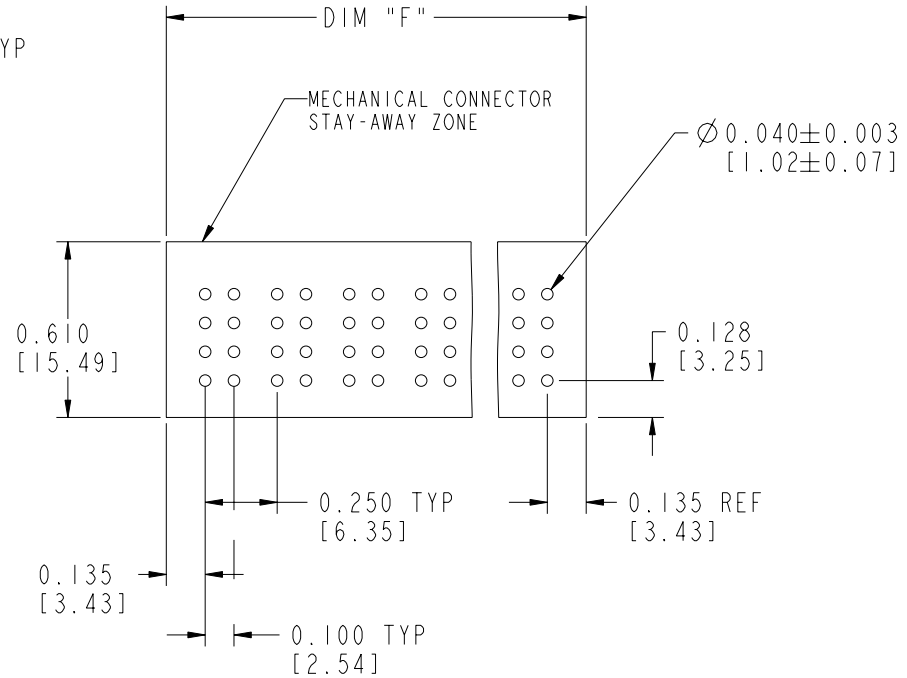
4



PRODUCT NUMBER
51747-ABB00000EF__
NOTE: 3



SECTION A-A
SCALE 2:1



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3		COPY			title VERTICAL RECEPTACLE w/o GUIDE PIN POWER			
B					.XXX±.005/.XX±.13		projection						
					.XXX±.0020/.XXX±.051								
				angles	0°±2°								
				dr	LEV4	10/14/99	INCH/MM		product family		PWRBLADE		code
				enr	J. BROWN	10/14/99	scale		size		dwg no		213
				chr	J. BROWN	10/14/99	3:2		A		51747		sheet
				appd	J. BROWN	10/14/99							3
sheet index		revision sheet											

cage code 22526

Pro/E

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010