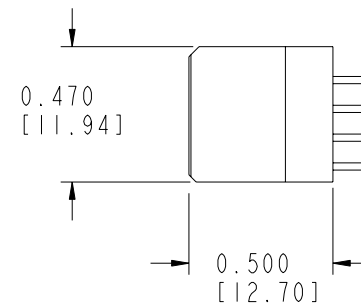
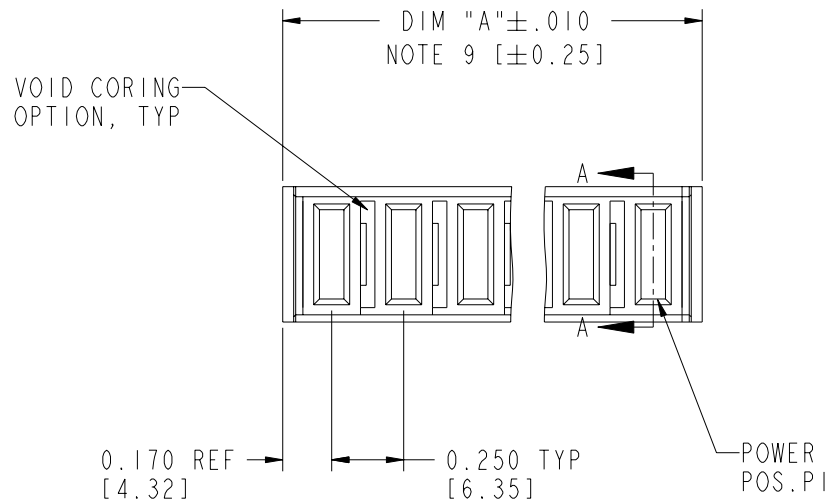
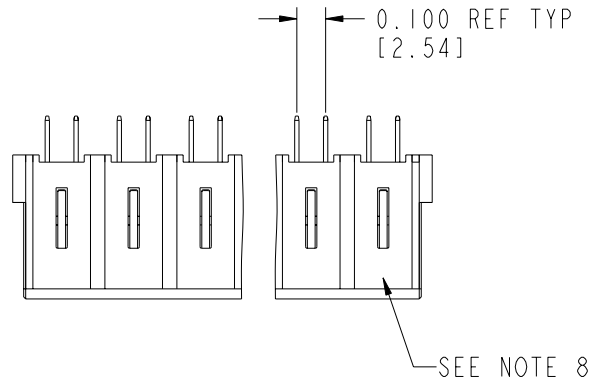
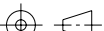




PRODUCT NUMBER
51747-ABB00000EF__
NOTE: 3
SEE NOTE 1



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
				engr	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										

Pro/E

cage code 22526

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010



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. $\varnothing 0.0453 \pm 0.001$ [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.

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

cage code 22526

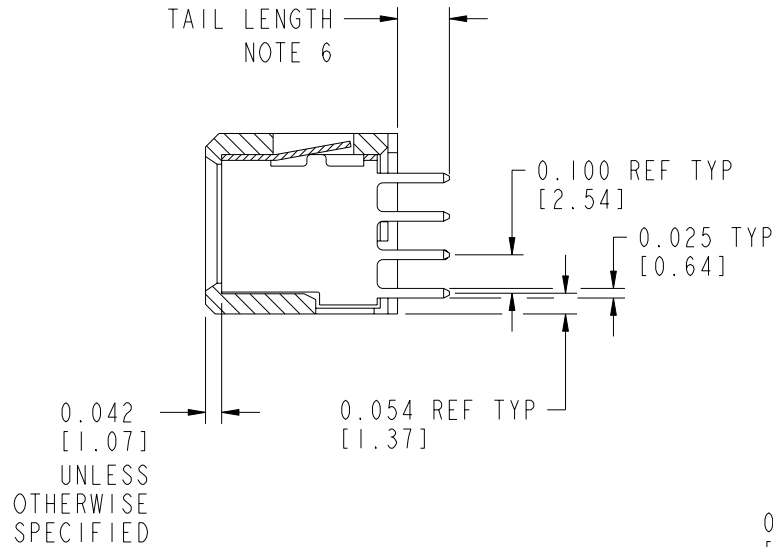
Pro/E

3

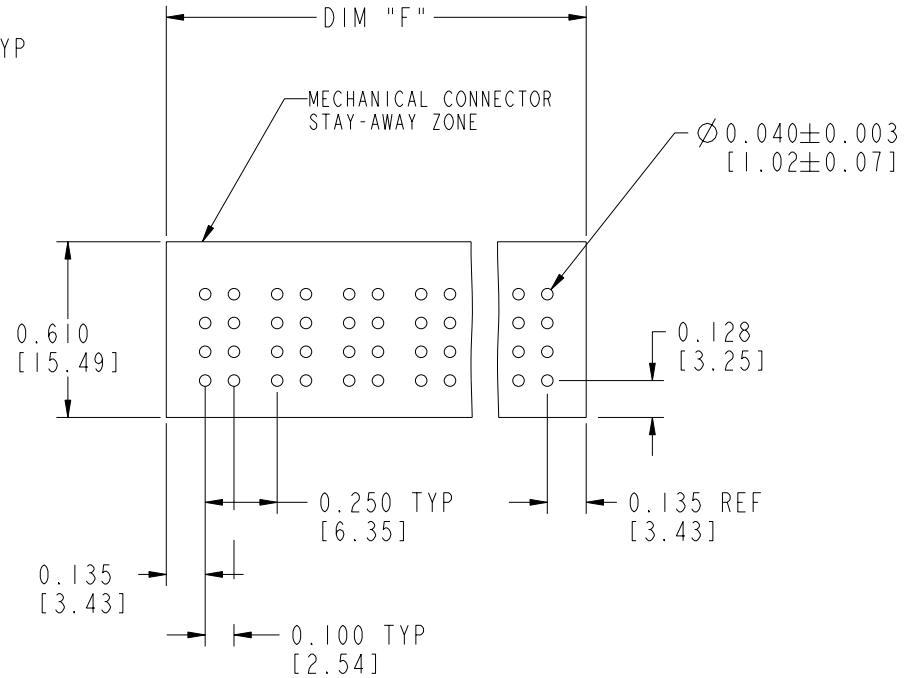
4



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	ecr no.	dr	date	linear	.XX±.01/.X±.3				COPY					title VERTICAL RECEPTACLE w/o GUIDE PIN POWER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
B					.XXX±.005/.XX±.13																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
					.XXX±.0020/.XXX±.051																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				angles	0°±2°								product family PWRBLADE								code																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				dr	LEV4		10/14/99		scale 3:2												size		dwg no		213																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				enr	J. BROWN		10/14/99														sheet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				chr	J. BROWN		10/14/99						A		51747		3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
				appd	J. BROWN		10/14/99																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
sheet index		revision sheet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</

Pro/E

cage code 22526