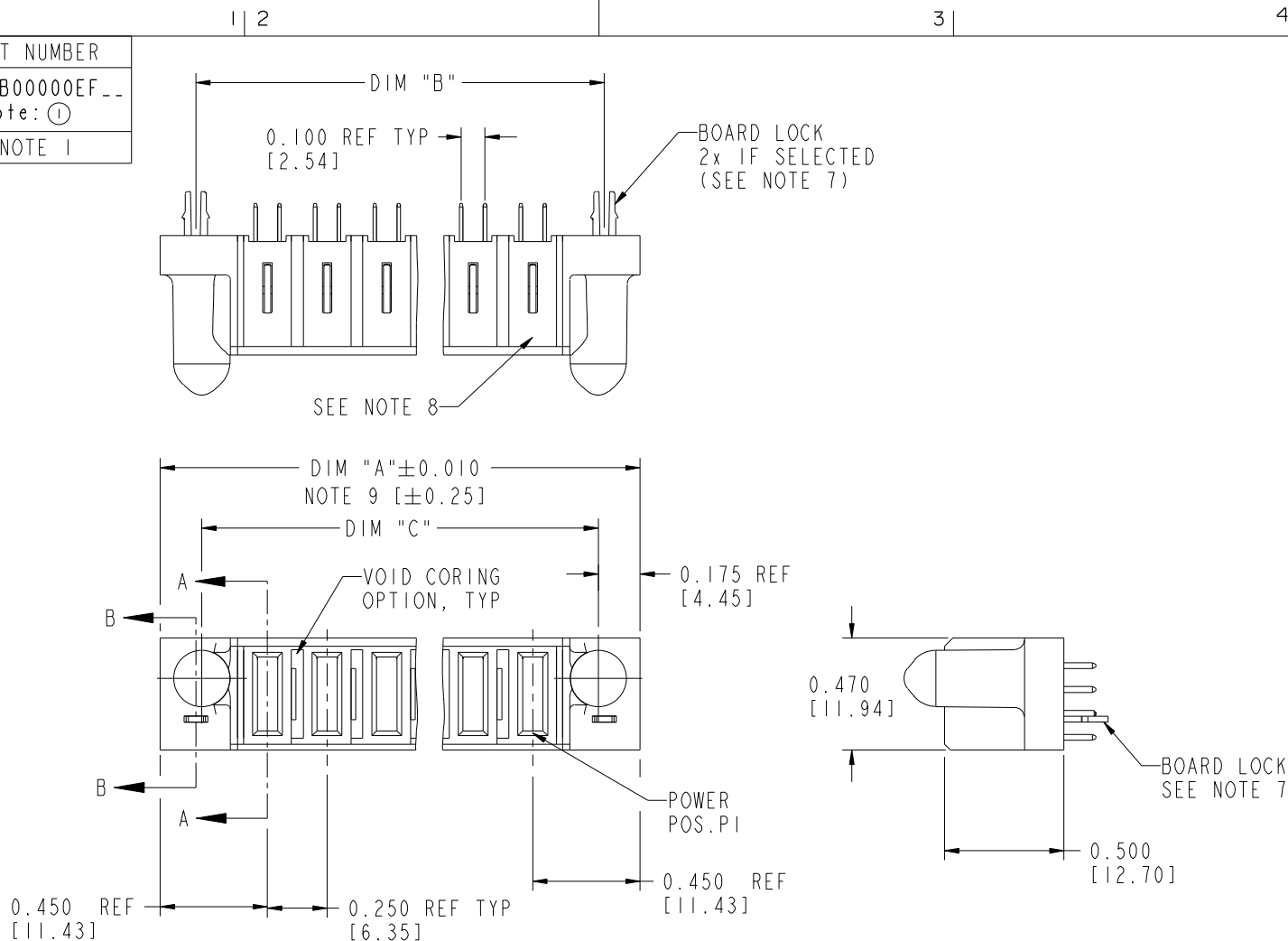


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PRODUCT NUMBER
51743-ABB00000EF_..
Note: ①
SEE NOTE 1



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER			
litr	ecn no.	dr	date												
A	V02388	JWS	10/5/00					linear	.XX±.01/.X±.3			COPY			
B	V03-1368	TAB	01/06/04						.XXX±.005/.XX±.13			projection			
C	DG05-0132	SJ	06/02/05					angles	.XXX±.0020/.X±.051						
D	DG05-0153	SJ	06/10/05						0°±2°						
E	DG08-0239	JC	09/11/08					dr	LEV4	10/14/99					
								enrg	J. BROWN	10/14/99					
								chr	J. BROWN	10/14/99					
								appd	J. BROWN	10/14/99					
sheet index				revision sheet				E E E				I 2 3			

sheet index	revision sheet	E	E	E	I	2	3								
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1 2		3		4
PRODUCT NUMBER		DIM	LENGTH FORMULAS (SEE NOTE 9)	
51743-ABB00000EF--		DIM "A"	.250 [6.35] x BB + .650 [16.51] (NOTE 9)	
Note: ①		DIM "B"	.250 [6.35] x BB + .350 [8.89]	
SEE NOTE 1		DIM "C"	.250 [6.35] x BB + .300 [7.62]	
		DIM "F"	.250 [6.35] x BB + .680 [17.27]	

CONNECTOR NOTES:

①. PRODUCT NUMBER CODE:
51743 - 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
RETENTION TO PCB (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:
SEE PRINT 10064183 FOR PLATING SPEC OF 51743-1BB00000EF; 51743-1BB00000EFLF

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. RETENTION TO PCB OPTIONS:
A = BOARD LOCK (REQUIRES .098 + 0.002, - 0.001
[2.49 + 0.05, - 0.03] THRU HOLE IN PCB)
(NOT AVAILABLE WITH PRESS FIT.)
BOARD LOCK TO BE USED IN CONJUNCTION
WITH AN 0.092[2.34] PCB OR THICKER
C = NO RETENTION FEATURE (ALL PRESS FIT)

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.

16. A $\triangle$ 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		www.fciconnect.com	
ltr	ecn no.	dr	date					COPY					
E						linear	.XX±.01/.X±.3	projection		title VERTICAL RECEPTACLE w/GUIDE PIN POWER			
							.XXX±.005/.XX±.13						
						angles	.XXX±.0020/.X±.051						
							0°±2°						
						dr	LEV4 10/14/99	INCH/MM		product family PWRBLADE		code	
						enrg	J. BROWN 10/14/99			size	dwg no	213	
						chr	J. BROWN 10/14/99	scale		51743		sheet	
						appd	J. BROWN 10/14/99	3:2	A			2	
sheet index	revision sheet												

1 | 2

Pro/E

3 |

cage code 22526

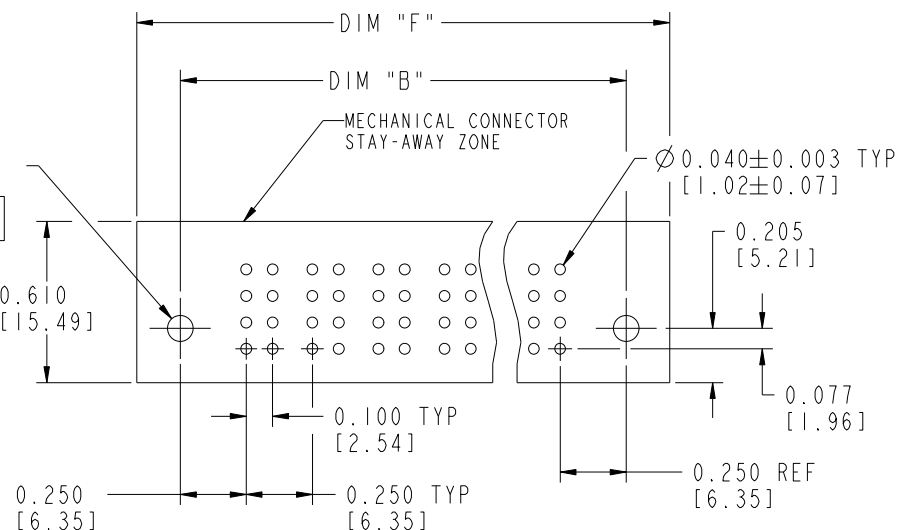
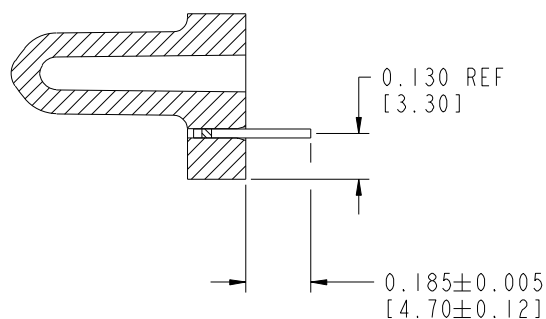
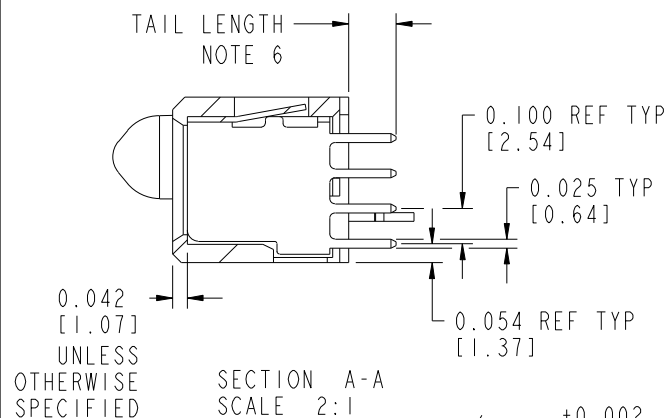
4

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PRODUCT NUMBER
51743-ABB00000EF_..
Note: ①
SEE NOTE 1



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															
E										.XXX±.005/.XX±.13																	
								angles		.XXX±.0020/.X±.051																	
										0°±2°																	
								dr		LEV4		10/14/99						product family				PWRBLADE				code	
								enr		J. BROWN		10/14/99						size				dwg no				213	
								chr		J. BROWN		10/14/99		scale				A				51743				sheet	
								appd		J. BROWN		10/14/99		3:2												3	
sheet index		revision sheet																									

Pro/E

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FCI / Amphenol:

[51743-10300000AA](#) [51743-10300000AALF](#) [51743-10400000AALF](#) [51743-10400000CCLF](#) [51743-10700000CCLF](#)
[51743-10800000AALF](#) [51743-10900000AALF](#) [51743-10900000CCLF](#) [51743-11800000CCLF](#) [51743-10600000AA](#)
[51743-10600000AALF](#) [51743-10800000CCLF](#) [51743-10400000AA](#) [51743-10400000CC](#) [51743-10700000CC](#) [51743-](#)
[10800000AA](#) [51743-11000000AALF](#) [51743-11100000AALF](#) [51743-10400000CA](#) [51743-10400000CALF](#) [51743-](#)
[10200000AA](#) [51743-10200000AALF](#) [51743-10200000CC](#) [51743-10200000CCLF](#) [51743-10700000AA](#) [51743-](#)
[11000000AA](#) [51743-11000000CCLF](#) [51743-10600000CCLF](#) [51743-10500000CCLF](#) [51743-10500000AALF](#) [51743-](#)
[10300000CCLF](#) [51743-10700000AALF](#) [51743-10500000ACLF](#) [51743-11200000CCLF](#) [51743-11600000AALF](#)