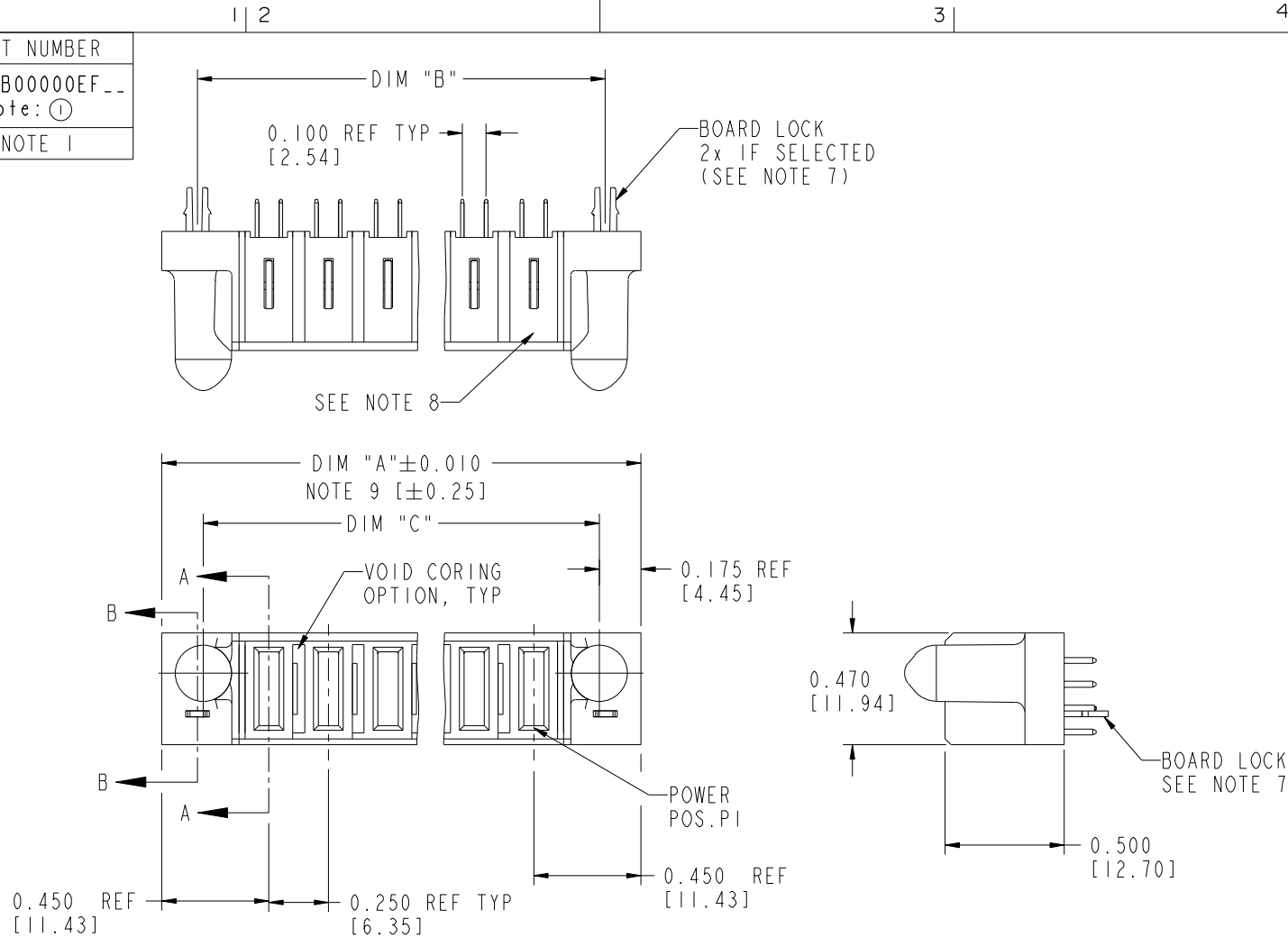


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PRODUCT NUMBER
51743-ABB00000EF__
Note: ①
SEE NOTE 1



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	V02388	JWS	10/5/00	linear		.XX $\pm$.01/.X $\pm$.3		projection		title VERTICAL RECEPTACLE w/GUIDE PIN POWER	
B	V03-1368	TAB	01/06/04			.XXX $\pm$.005/.XX $\pm$.13					
C	DG05-0132	SJ	06/02/05	angles		.XXX $\pm$.0020/.X $\pm$.051				product family PWRBLADE	
D	DG05-0153	SJ	06/10/05	dr	LEV4	10/14/99					
E	DG08-0239	JC	09/11/08	enrg	J. BROWN	10/14/99				size dwg no 51743	
				chr	J. BROWN	10/14/99					
				appd	J. BROWN	10/14/99				code 213	
sheet index	revision sheet	E	E	E						scale 3:2	
		1	2	3							
										cage code 22526	

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cage code 22526

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	
litr	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		213	
						chr	J. BROWN 10/14/99	scale		dwg no		sheet	
						appd	J. BROWN 10/14/99	3:2		51743		2	
sheet index	revision sheet												

1 | 2

Pro/E

3 |

cage code 22526

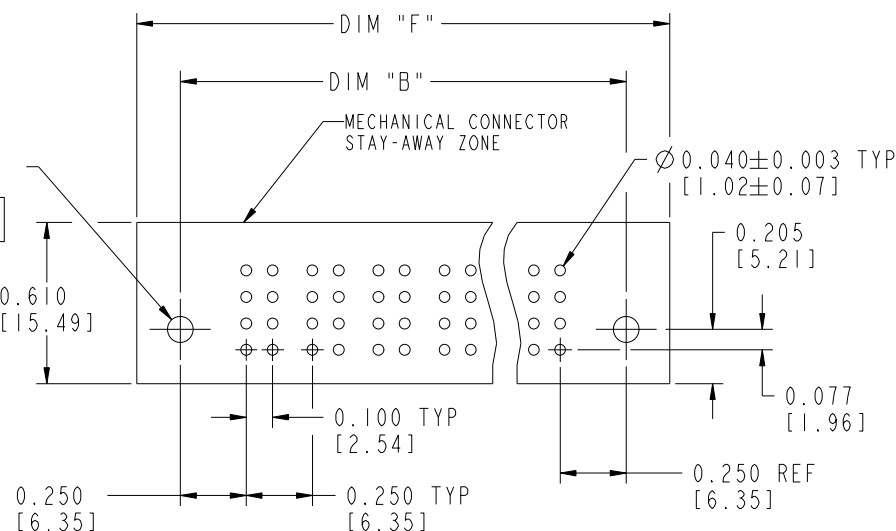
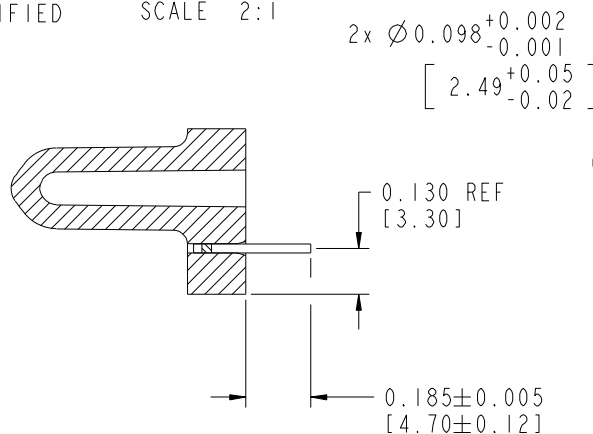
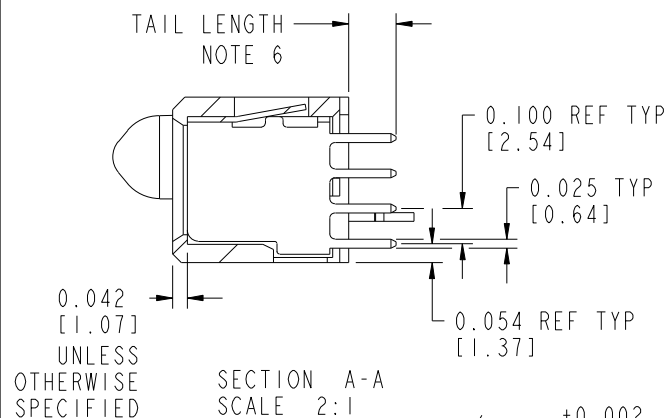
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PRODUCT NUMBER
51743-ABB00000EF__
Note: ①
SEE NOTE 1



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			
E								angles	.XXX±.005/.XX±.13							0°±2°				VERTICAL RECEPTACLE w/GUIDE PIN POWER			
								dr	.XXX±.0020/.X±.051							product family				PWRBLADE			
								enrg	0°±2°							size				dwg no			
								chr	LEV4	10/14/99						A				51743			
								appd	J. BROWN	10/14/99						scale				213			
									J. BROWN	10/14/99						3:2				sheet			
sheet index	revision sheet															cage code				22526			

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