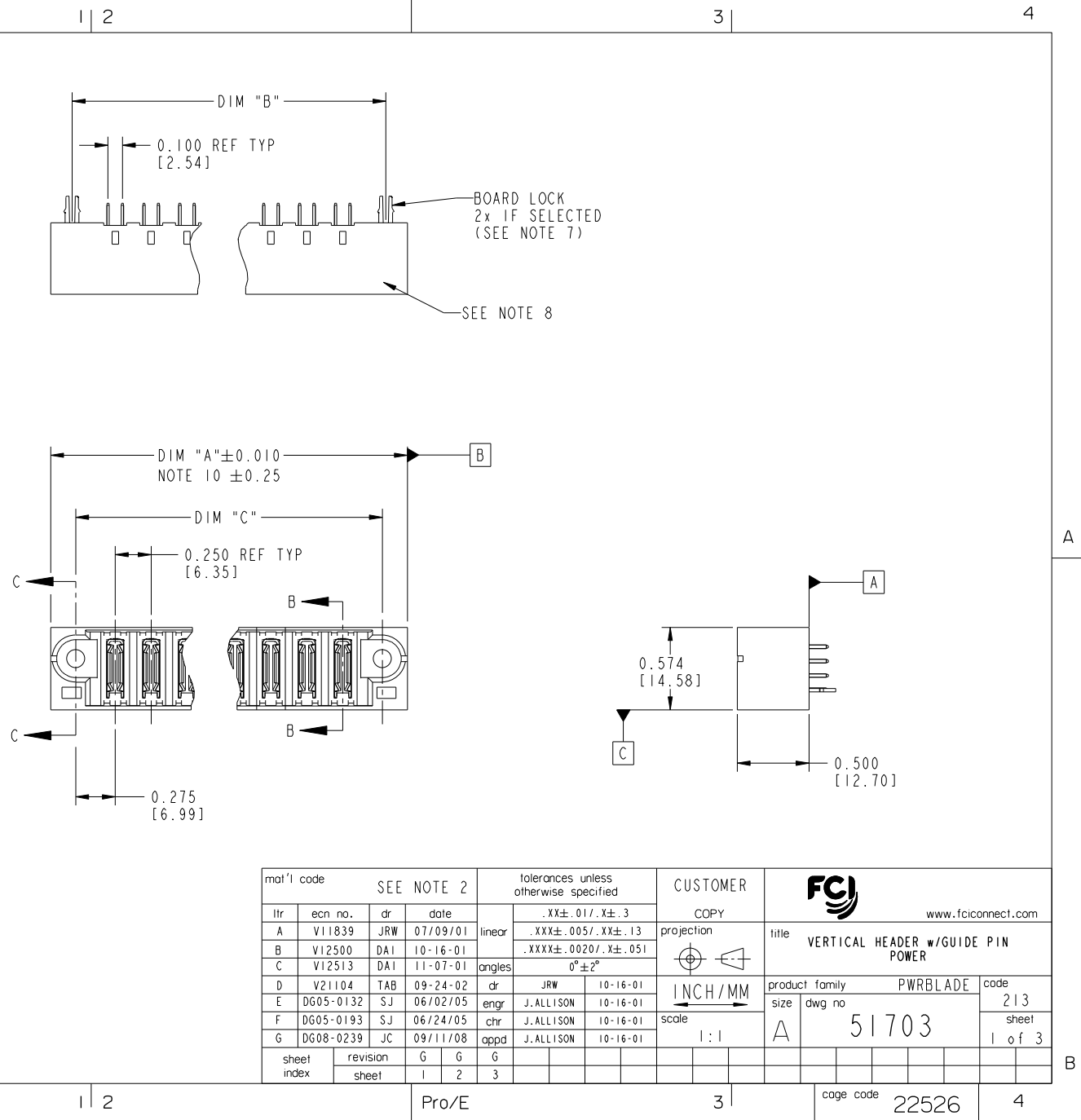




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PRODUCT NUMBER
51703-ABB00000EF_
Note: ①
SEE NOTE 1



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1 2		3		4
PRODUCT NUMBER		DIM	LENGTH FORMULAS (SEE NOTE 9)	
51703-ABB00000EF_- Note: ①		DIM "A"	.250 [6.35] x BB + .650 [16.51] (NOTE 9)	
SEE NOTE 1		DIM "B"	.250 [6.35] x BB + .350 [8.81]	
		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:
51703 - 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: UL94 V-0 GLASS FILLED HIGH TEMP THERMO PLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
- ③. PLATING OPTION:
1 = SEE PRINT 10064183 FOR PLATING SPEC OF 51703-1BB00000EF; 51703-1BB00000EFLF
- 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 OPTIONS:
A = 0.135 +0.015/-0.010 [3.43 +0.37/-0.25] SOLDER TO BOARD
B = 0.165 +0.015/-0.010 [4.19 +0.37/-0.25] SOLDER TO BOARD
C = 0.165 +0.015/-0.010 [4.19 +0.37/-0.25] PRESS FIT

- ⑦. RETENTION TO PCB OPTIONS:
A = BOARD LOCK (REQUIRES $\varnothing 0.098 \pm 0.002/-0.001$ [2.49 +0.05/-0.03] THRU HOLE IN PCB).
(NOT AVAILABLE WITH PRESS-FIT)
C = NO RETENTION FEATURE
- 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. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE
WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.
- 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. $\varnothing 0.098$ [2.49] THROUGH HOLES ARE UNPLATED
16. $\varnothing 0.0453 \pm 0.0010$ [1.151 ± 0.025] DRILLED HOLES PLATED WITH:
0.0003 [0.008] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu
PLATING TO ACHIEVE A $\varnothing 0.040 \pm 0.003$ [1.02 ± 0.07] HOLE.
17. FOR PRESSFIT APPLICATION USE C1 CAM TOOL 430169-XXX.
18. A 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								www.fciconnect.com							
litr		ecn no.		dr		date		linear		.XX±.01/.X±.3				COPY				title VERTICAL HEADER w/GUIDE PIN POWER									
G										.XXX±.005/.XX±.13 .XXX±.0020/.X±.051				projection													
								angles		0°±2°								product family PWRBLADE								code 213	
										dr JRW 10-16-01				INCH/MM													
								enrg		J.ALLISON 10-16-01				scale 3:2				size A		dwg no 51703				sheet 2 of 3			
										chr J.ALLISON 10-16-01																	
								appd		J.ALLISON 10-16-01																	
sheet index		revision sheet																									

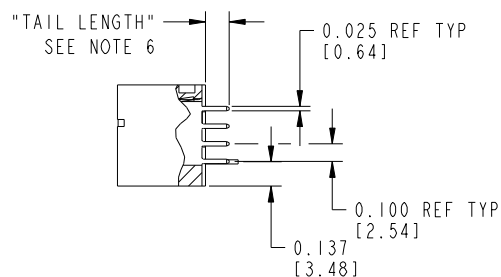
cage code 22526

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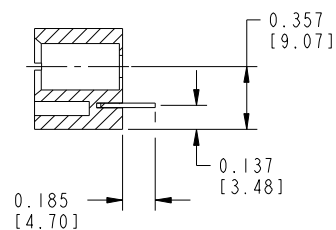


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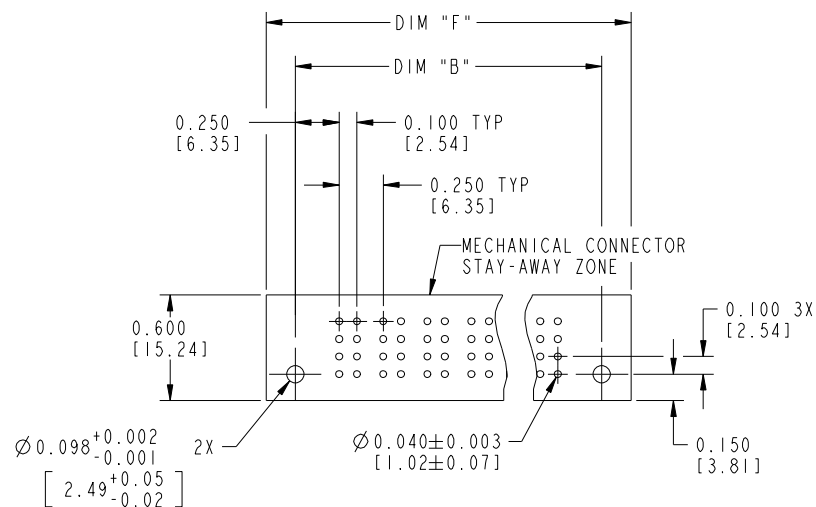
PRODUCT NUMBER
51703-ABB00000EF--
Note: ①
SEE NOTE 1



SECTION B-B



SECTION C-C



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date	linear	.XX $\pm$.01/.X $\pm$.3	projection	0° $\pm$ 2°	INCH/MM	scale	A	product family	PWRBLADE	code
G													
				angles	.XXX $\pm$.005/.XX $\pm$.13	0° $\pm$ 2°	JRW	J. ALLISON	10-16-01	size	dwg no	51703	213
				dr	.XXX $\pm$.0020/.X $\pm$.051								
				enrg									
				chr		1:1	J. ALLISON	10-16-01	A	A	51703	3 of 3	sheet
				appd									
sheet index	revision sheet												

Pro/E

cage code 22526