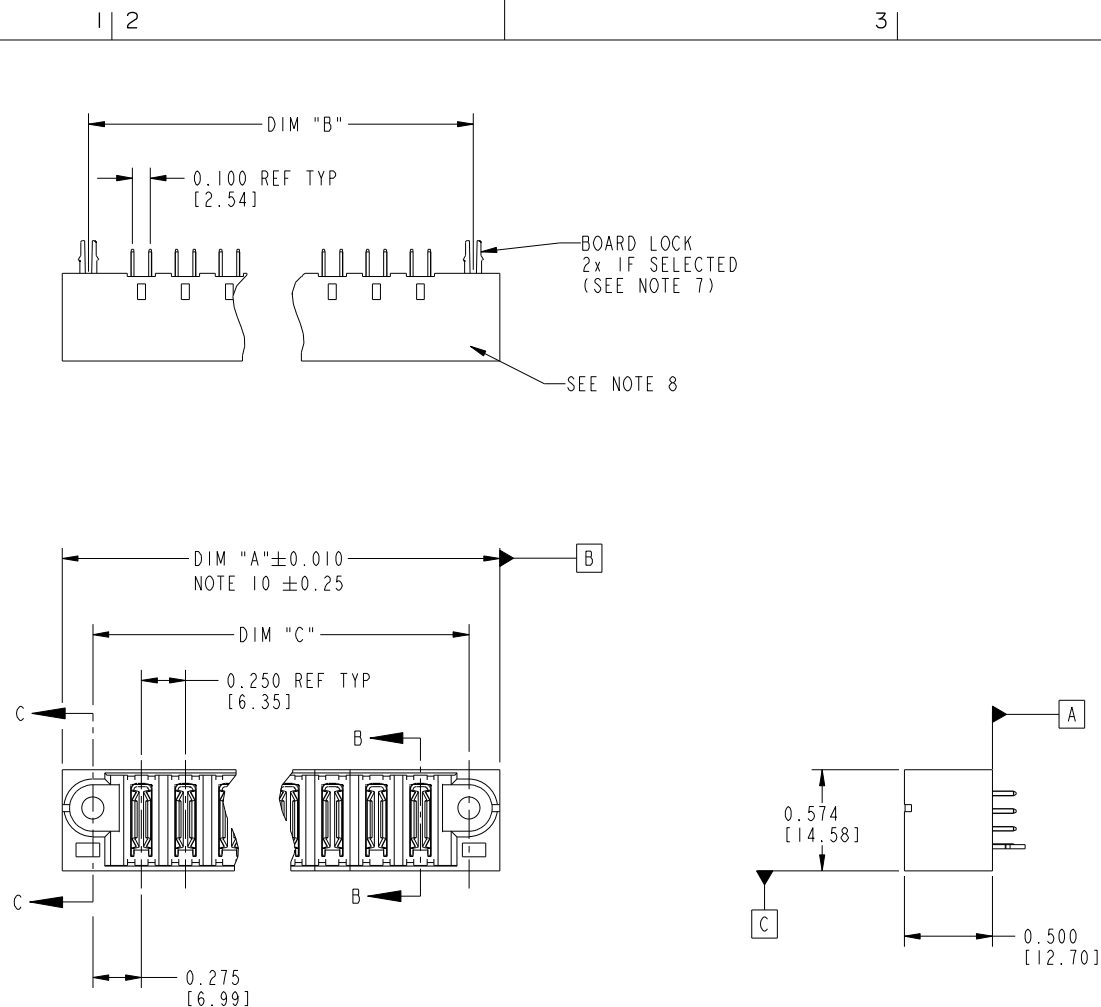




All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor.
Property of FCI. Copyright FCI.

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire.
Propriété de c FCI. Droits de reproduction FCI.

PRODUCT NUMBER
51703-ABB00000EF_
Note: ①
SEE NOTE 1



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date					COPY		title	product family	code	
A	V11839	JRW	07/09/01	linear		.XX $\pm$.01/.X $\pm$.3		projection		VERTICAL HEADER w/GUIDE PIN POWER	PWRBLADE	213	
B	V12500	DAI	10-16-01			.XXX $\pm$.005/.XX $\pm$.13							
C	V12513	DAI	11-07-01	angles		.XXX $\pm$.0020/.X $\pm$.051							
						0° $\pm$ 2°							
D	V21104	TAB	09-24-02	dr	JRW	10-16-01		INCH/MM					
E	DG05-0132	SJ	06/02/05	engr	J.ALLISON	10-16-01		scale					
F	DG05-0193	SJ	06/24/05	chr	J.ALLISON	10-16-01							
G	DG08-0239	JC	09/11/08	appd	J.ALLISON	10-16-01							
sheet index	revision	G	G	G									
	sheet	I	2	3									

Pro/E

cage code 22526

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire.
Propriété de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor.
Property of FCI. Copyright FCI.

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:
I = 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		FCI		www.fciconnect.com	
litr	ecn no.	dr	date					COPY					
G				linear		.XX $\pm$.01/.X $\pm$.3		projection		title	VERTICAL HEADER w/GUIDE PIN POWER		
						.XXX $\pm$.005/.XX $\pm$.13							
						.XXX $\pm$.0020/.X $\pm$.051							
				angles		0° $\pm$ 2°							
				dr	JRW	10-16-01		INCH/MM		product family	PWRBLADE	code	213
				enrg	J.ALLISON	10-16-01				size	dwg no	sheet	2 of 3
				chr	J.ALLISON	10-16-01		scale			51703		
				appd	J.ALLISON	10-16-01		3:2					
sheet index	revision sheet												

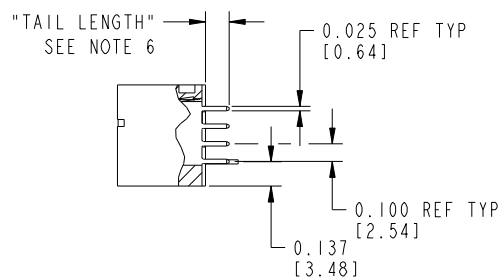
cage code 22526

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

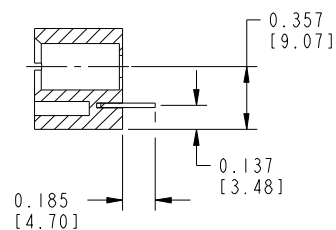


All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

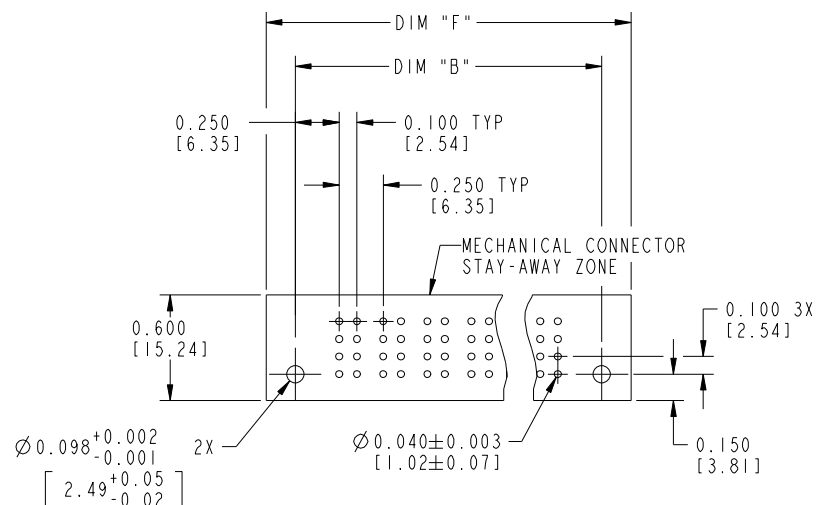
PRODUCT NUMBER
51703-ABB00000EF--
Note: ①
SEE NOTE 1



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±.01/.X±.3	projection	0°±2°	COPY	INCH/MM	scale	title	product family	code
G													
				angles	.XXX±.005/.XX±.13								
				dr	.XXX±.0020/.X±.051								
				enrg	JRW 10-16-01								
				chr	J. ALLISON 10-16-01								
				appd	J. ALLISON 10-16-01								
sheet index	revision sheet												

Pro/E

cage code 22526