

Tous droits strictement reserves. Reproduction ou communication a des tiers interdire sans quelque forme que ce soit sans autorisation ecrite du proprietaire.

Propriete 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.

B

PRODUCT NUMBER		DIM		LENGTH FORMULAS (SEE NOTE 9)	
51723-ABB000000EF--		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]	

1 | 2

3 |

4

CONNECTOR NOTES:

- ①. PRODUCT NUMBER CODE:
51723 - 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)
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 OF 10064183 FOR PLATING SPEC OF 51723-1BB000000EFLF
- 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 = .135±0.010 [3.43±0.25] SOLDER TO BOARD
C = .135±0.010 [3.43±0.25] 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)
B = 0.150 [3.81] THRU HOLE (REQUIRES 0.158±0.003 [4.01±0.08] THRU HOLE IN PCB).
 - 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 51697 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. Ø0.0453±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 SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

A

A

mat'l code			SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
lir	ecn no.	dr	date		linear	.XX±.01/.X±.3 .XXX±.005/.XX±.13 .XXX±.0020/.XX±.051	COPY	projection	title	www.fciconnect.com
F					angles	0°±2°			RIGHT ANGLE HEADER w/GUIDE PIN POWER	
					dr	LEV4 10/14/99			product family	PWRBLADE
					engr	J. BROWN 10/14/99			size	213
					chr	J. BROWN 10/14/99			dwg no	51723
					appd	J. BROWN 10/14/99			code	2 of 3
sheet index	revision	sheet							scale	
									3:2	

B

1 | 2

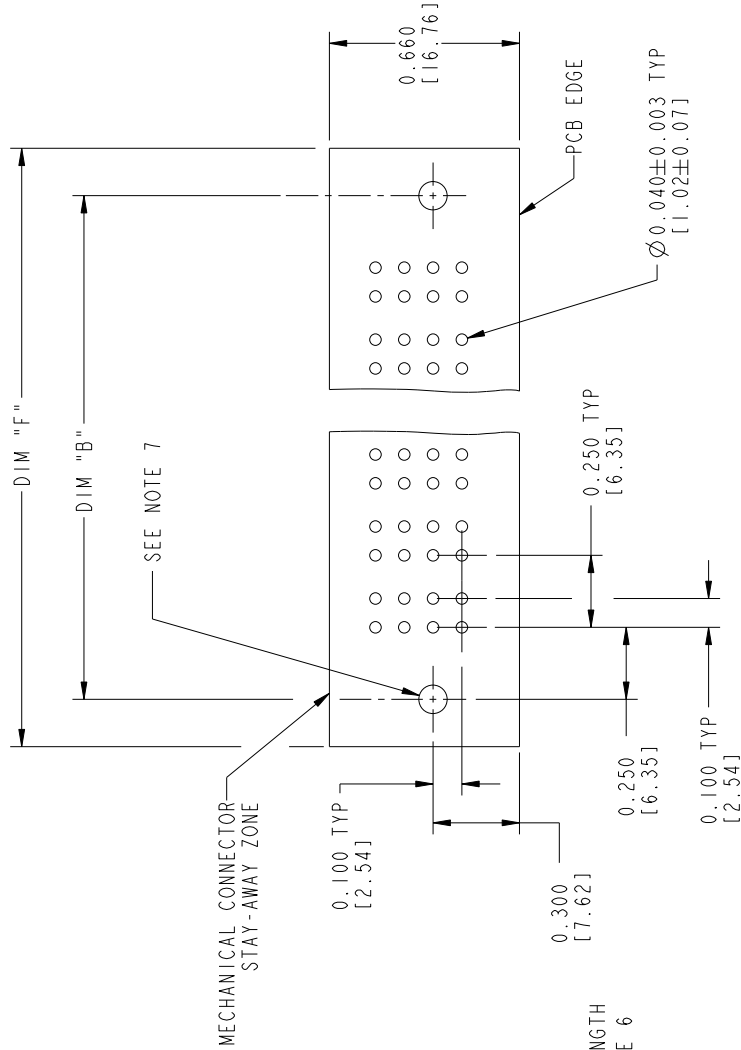
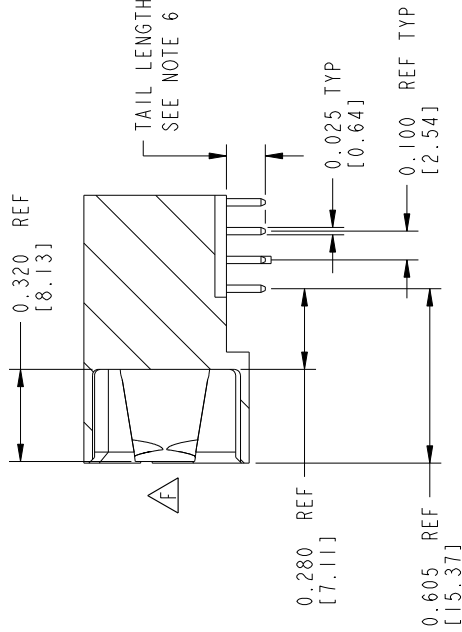
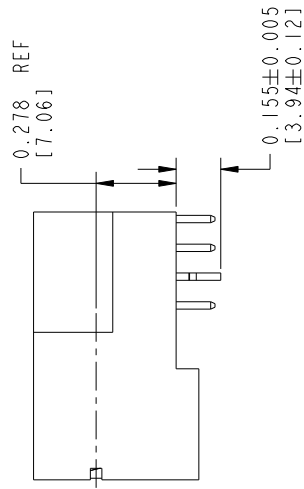
Pro/E

PDM: Rev: F

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
51723-ABB000000EF--
Note: ①



RECOMMENDED PCB LAYOUT

SECTION B-B

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
lir	ecn no.	dr	date	linear	.XX±.01/.XX±.3	COPY	projection	title	www.fciconnect.com
F				angles	.XXX±.005/.XX±.13 .XXX±.0020/.XX±.051			RIGHT ANGLE HEADER w/GUIDE PIN POWER	
				dr	0°±2°			product family	PWRBLADE
				engr	LEV4 10/14/99			size	213
				chr	J. BROWN 10/14/99			code	51723
				appd	J. BROWN 10/14/99			scale	3:2
sheet index	revision	sheet						3 of 3	

Pro/E

PDM: Rev: F

STATUS: Released

Printed: Dec 20, 2010