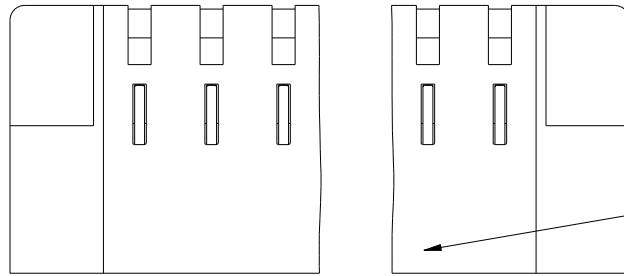
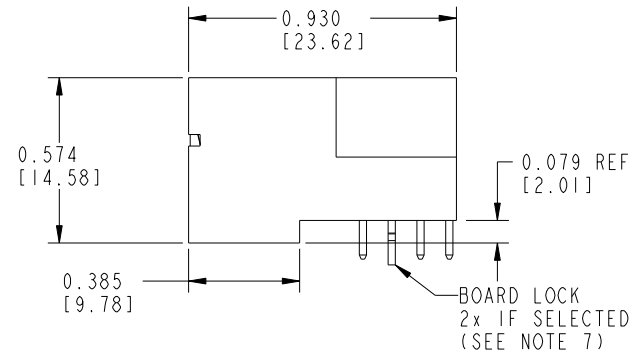
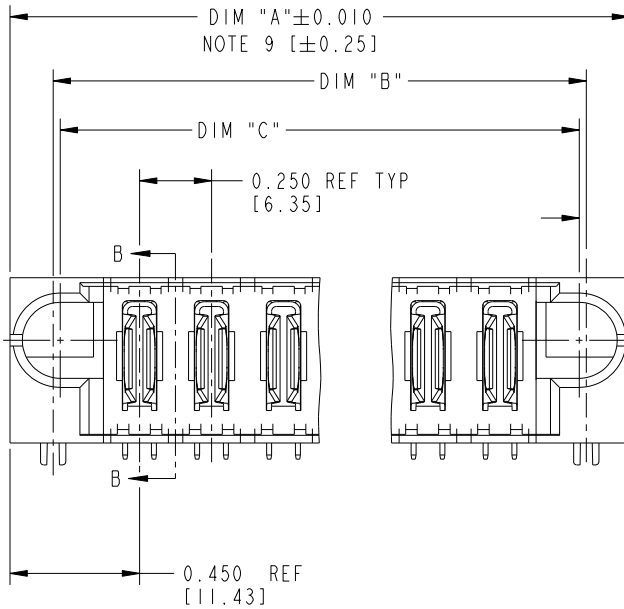


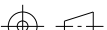


PRODUCT NUMBER
51723-ABB00000EF--
Note: ①
SEE NOTE 1



SEE NOTE 8



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	.XX±.01/.X±.3		COPY			title	
A	V02387	JRW	10/03/00		.XXX±.005/.XX±.13		projection			RIGHT ANGLE HEADER w/GUIDE PIN	
B	V12845	JWS	1/4/02	angles	.XXX±.0020/.XXX±.051				POWER		
C	DG05-0132	SJ	06/02/05		0°±2°				product family		
D	DG05-0371	JMG	07/27/06	dr	LEV4	10/14/99	INCH/MM		PWRBLADE		
E	DG08-0237	WD	09/01/08	enrg	J. BROWN	10/14/99	scale		size	dwg no	
F	DG08-0272	WD	09/25/08	chr	J. BROWN	10/14/99	3:2		A	51723	
				oppd	J. BROWN	10/14/99					
sheet index	revision		F	F	F						
	sheet		1	2	3						

1 | 2

3 |

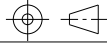
4

PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 9)
51723-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 [8.89]
	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:
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)
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 OF 10064183 FOR PLATING SPEC OF 51723-IBB00000EF; 51723-IBB00000EFLF
- 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.

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

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Pro/E

PDM: Rev:F

STATUS: Released

Printed: Dec 20, 2010



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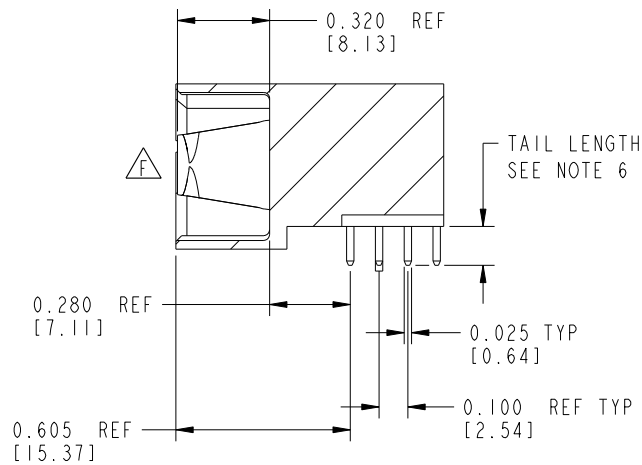
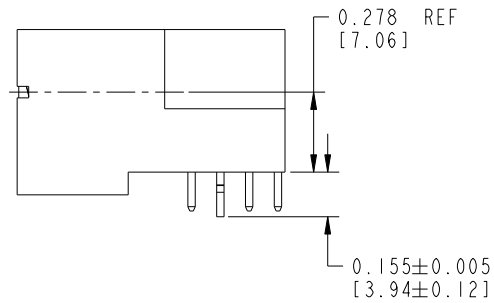
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4

PRODUCT NUMBER

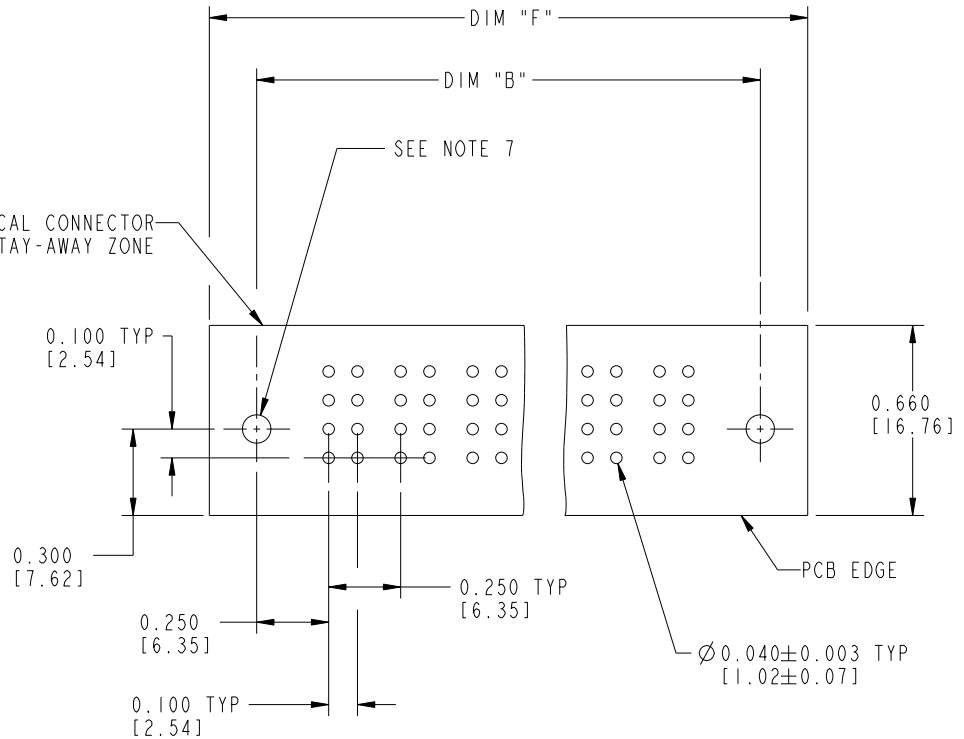
51723-ABB00000EF--

Note: ①



SECTION B-B

MECHANICAL CONNECTOR
STAY-AWAY ZONE



RECOMMENDED PCB LAYOUT

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

B

B

1 | 2

Pro/E

PDM: Rev:F

STATUS: Released

Printed: Dec 20, 2010