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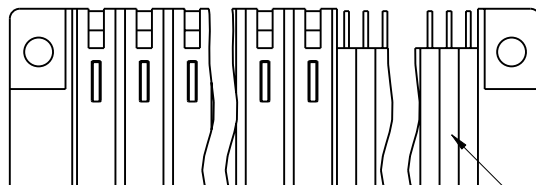


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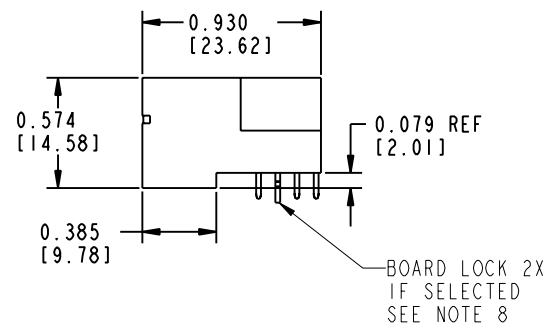
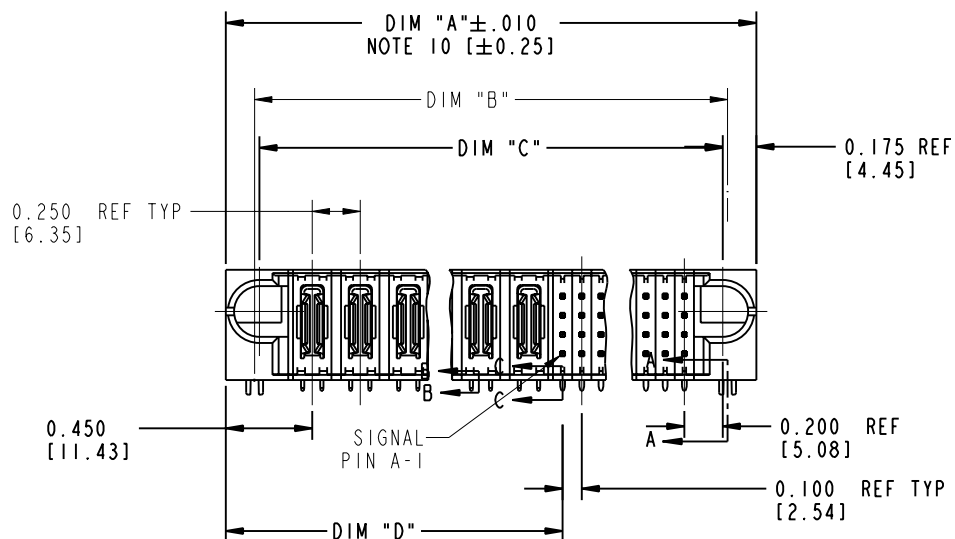
PRODUCT NUMBER

51722-ABBCCC00EF_

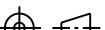
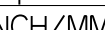
SEE NOTE 1



SEE NOTE 9



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mat'l code				tolerances unless otherwise specified			CUSTOMER		FCI		www.fciconnect.com		
lfr	ecr no.	dr	date	linear	.XX±.01/.X±.3		COPY		projection 	INCH/MM 	title		
H	DG05-0123	SJ	05/24/05		.XXX±.005/.XX±.13		scale				RIGHT ANGLE HEADER w/GUIDE PIN POWER / SIGNAL		
J	DG06-0011	CS	01/13/06		.XXX±.0020/.XXX±.051		1:1				product family POWERBLADE		
K	DG06-0195	JMG	05/25/06		0°±2°						code 213		
				angles							sheet 1 of 3		
				dr	D. BOGLE	05-18-99	size		dwg no		A		
				enrg	J. BROWN	08-20-98							
				chr	J. BROWN	05-18-99							
				appd	J. BROWN	05-18-99							
sheet index	revision sheet		K	K	K								
			1	2	3								

Pro/E

cage code 22526

PDM: Rev:K

STATUS:Released

Printed: Oct 13, 2007



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4

PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 10)
51722-ABBCCC00EF_..	DIM "A"	.250 [6.35] x BB + .100 [2.54] x (CCC/4) + .650 [16.51] (NOTE 10)
SEE NOTE 1	DIM "B"	.250 [6.35] x BB + .100 [2.54] x (CCC/4) + .350 [8.89]
	DIM "C"	.250 [6.35] x BB + .100 [2.54] x (CCC/4) + .300 [7.62]
	DIM "D"	.250 [6.35] x BB + .375 [9.53]
	DIM "F"	.250 [6.35] x BB + .100 [2.54] x (CCC/4) + .680 [17.27]
	DIM "G"	.250 [6.35] x BB + .225 [5.72]

CONNECTOR NOTES

1 PRODUCT NUMBER CODE:
51722 - A BB CCC 00 E F LF

NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE
ADD THIS SUFFIX: 78u"/2.00um Sn OR 5u" Au ON PCB INTERFACE
RETENTION TO PCB (NOTE 8)
TAIL OPTIONS (NOTE 7)
ALWAYS '00' (ZERO, ZERO) (NOTE 6)
NUMBER OF SIGNAL CONTACTS (NOTE 5)
NUMBER OF LEFT POWER CONTACTS (NOTE 4)
PLATING (NOTE 3)
BASE NUMBER

2. HOUSING MATERIAL: GLASS FILLED V-O HIGH TEMP THERMO PLASTIC.
SIGNAL CONTACT MATERIAL: PHOS BRONZE
POWER CONTACT MATERIAL: COPPER ALLOY

3. PLATING OPTION:

1 = SIGNAL CONTACTS: 50u" / 1.27um Ni UNDER ALL; 30u" / 0.76um Au ON THE CONTACT AREA AND WITH 100u"/2.54um SnPb OR 78u"/2.00um Sn ON PCB INTERFACE
POWER CONTACTS: 50u" / 1.27um Ni UNDER ALL; WITH 30u" / 76um Au ON CONTACT AREA AND WITH 100u"/2.54um SnPb OR 78u"/2.00um Sn ON PCB INTERFACE

3 = SIGNAL CONTACTS: 50u" / 1.27um Ni UNDER ALL; 30u" / 0.76um Au ON THE CONTACT AREA AND WITH 5u"/0.13um Au ON PCB INTERFACE
POWER CONTACTS: 50u" / 1.27um Ni UNDER ALL; WITH 30u" / 76um Au ON CONTACT AREA AND WITH 5u"/0.13um Au ON PCB INTERFACE

4. LEFT END POWER CONTACTS, 01 TO 20 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.

5. SIGNAL CONTACTS, 004 TO 148 AVAILABLE.

6. THIS PART IS NOT AVAILABLE WITH RIGHT SIDE POWER CONTACTS.

7. TAIL OPTIONS:

A = .135 [3.43] SOLDER TO BOARD

8. RETENTION TO PCB OPTIONS:

A = BOARD LOCK (REQUIRES .098 + .002, -.001 [2.49 +0.05, -0.03] THRU HOLE IN PCB).
MOUNTING FOOT THICKNESS 0.220 [5.59]

B = .150 [3.81] THRU HOLE (REQUIRES .158±.003 [4.01±08] THRU HOLE IN PCB).
MOUNTING FOOT THICKNESS 0.160 [4.06]

9. MANUFACTURE'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.

10. THE MAXIMUM OVERALL LENGTH (DIM A) OF A PART IS 8.00 [203.2]

11. PRODUCT SPECIFICATION GS-12-149

12. REFERENCE 51730 FOR SELECT LOAD/FMLB FOR WORKSHEET

PCB NOTES:

13. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.

14. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004[0.10]

15. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

16. Ø0.0453 ±.001 [1.151 ±0.02] DRILLED HOLES PLATED WITH 0.0003 [0.007] MIN SnPb OVER 0.001 [1.03] TO .003 [0.08] PLATING TO ACHIEVE A .040±.003 [1.02±08] HOLE.

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lfr	ecr no.	dr	date		.XX±.01/0.X±0.3	COPY		www.fciconnect.com			
K				linear	.XXX±.005/0.XX±0.13	projection		title			
					.XXX±.0005/0.XXX±.051			RIGHT ANGLE HEADER w/GUIDE PIN POWER / SIGNAL			
				angles	0°±2°						
				dr	D. BOGLE 05-18-99	INCH/MM		product family POWERBLADE			
				engr	J. BROWN 05-18-99	scale		code 213			
				chr	J. BROWN 05-18-99	1:1		size			
				appd	J. BROWN 05-18-99			dwg no 51722			
sheet index		revision sheet						A			
								2 of 3			

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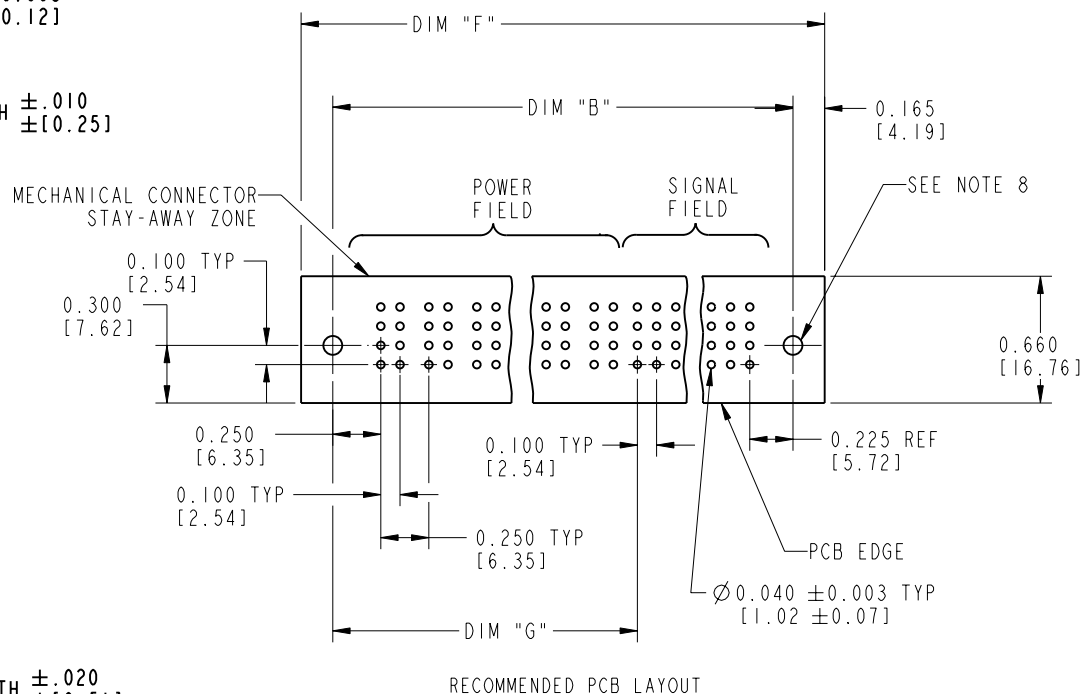
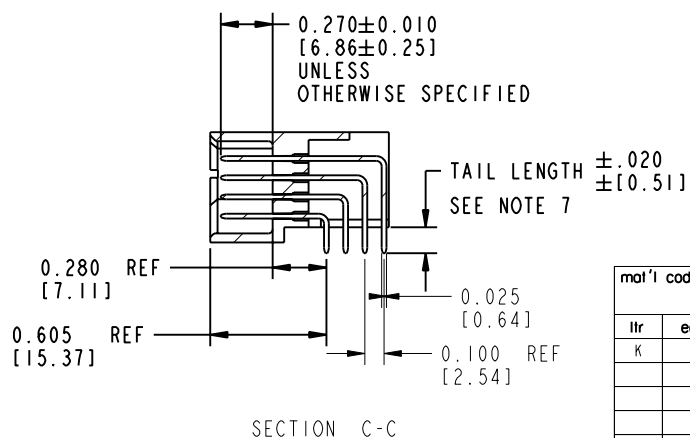
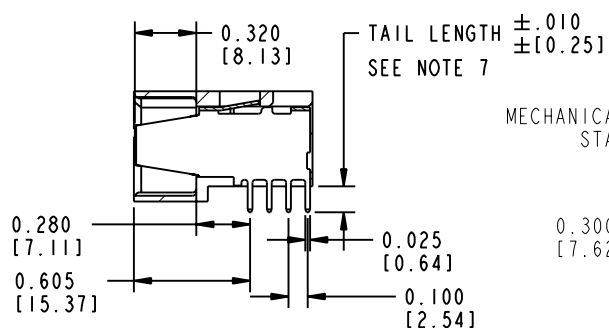
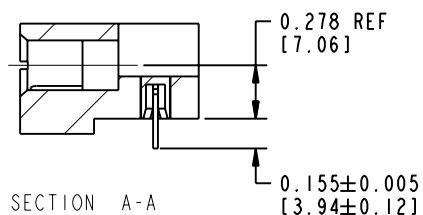


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PRODUCT NUMBER

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Note ①



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K					.XXX±.005/.XX±.13		projection					
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				chr	J. BROWN	05-18-99					3 of 3	
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