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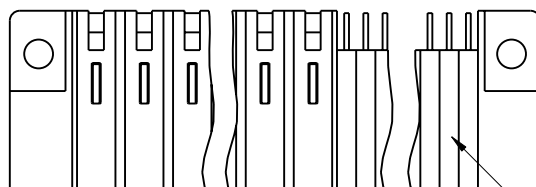


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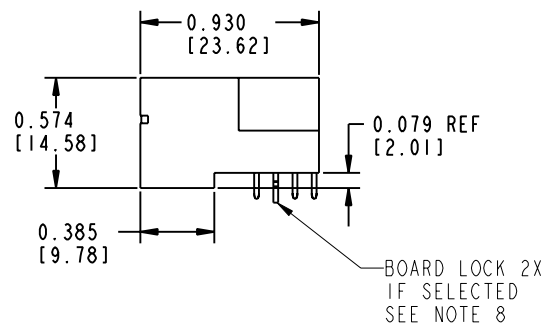
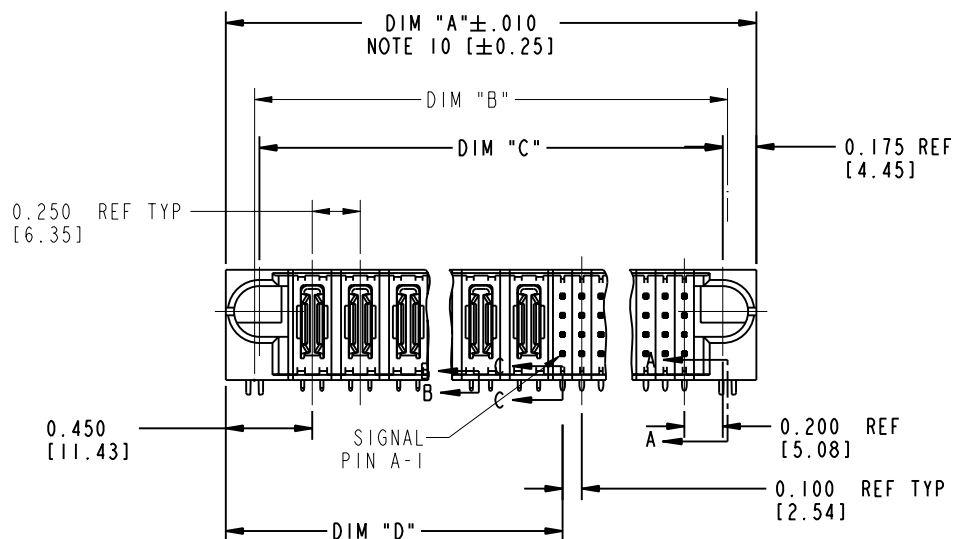
PRODUCT NUMBER

51722-ABBCCC00EF_



SEE NOTE 1



SEE NOTE 9



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lfr	ecn no.	dr	date	linear	.XX±.01/.X±.3		COPY		projection 	title RIGHT ANGLE HEADER w/GUIDE PIN POWER / SIGNAL		
H	DG05-0123	SJ	05/24/05		.XXX±.005/.XX±.13							
J	DG06-0011	CS	01/13/06		.XXX±.0020/.XXX±.051							
K	DG06-0195	JMG	05/25/06		0°±2°							
				angles			INCH/MM 		product family POWERBLADE		code	
				dr	D. BOGLE	05-18-99	scale		size	dwg no	213	
				enrg	J. BROWN	08-20-98					sheet	
				chr	J. BROWN	05-18-99					1 of 3	
				appd	J. BROWN	05-18-99	1:1		A	51722		
sheet index	revision sheet	K	K	K								
		1	2	3								

Pro/E

cage code 22526

PDM: Rev:K

STATUS: Released

Printed: May 26, 2006



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

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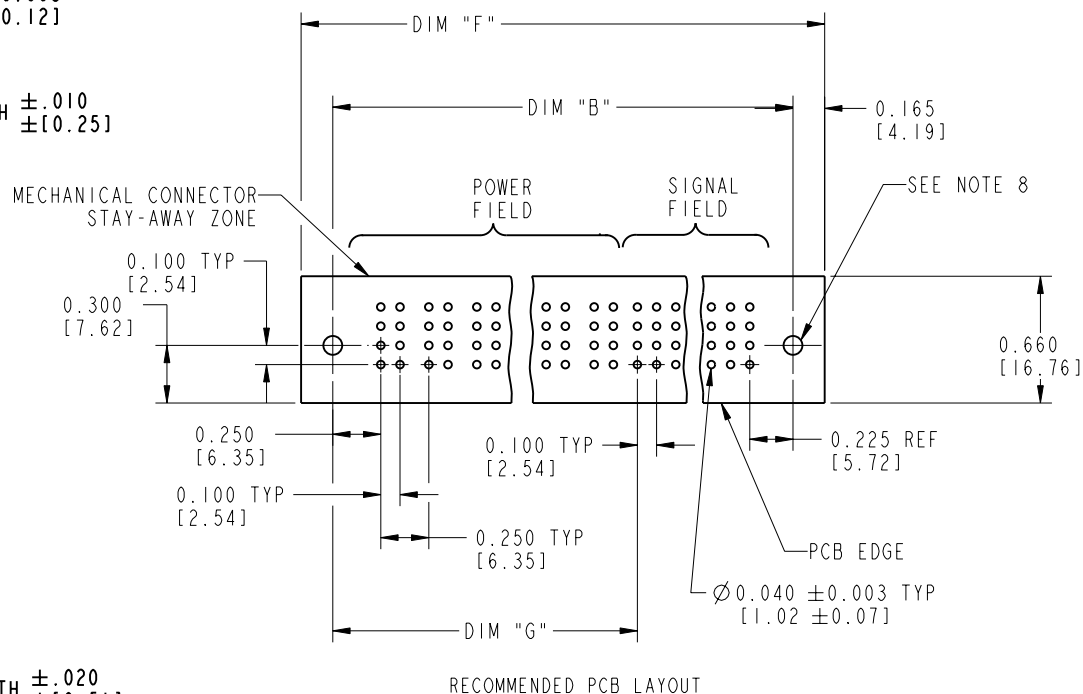
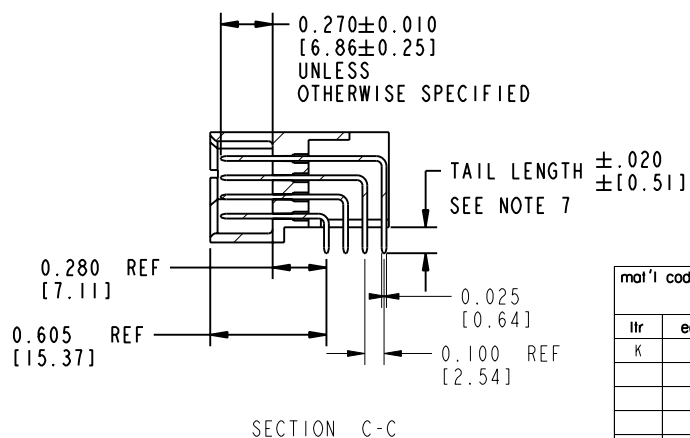
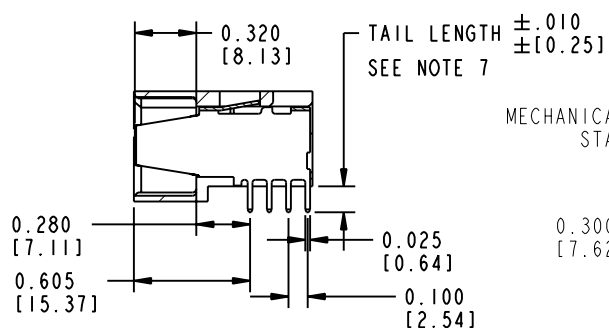
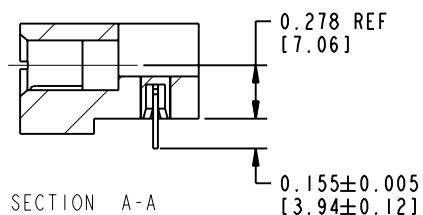


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PRODUCT NUMBER

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Note ①



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K					.XXX±.005/.XX±.13			title			
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				enqr	J. BROWN 08-20-98			product family		POWERBLADE	
				chr	J. BROWN 05-18-99			size		dwg no	
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sheet index		revision sheet						code		213	
								3 of 3			

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