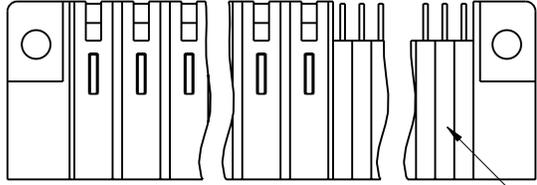


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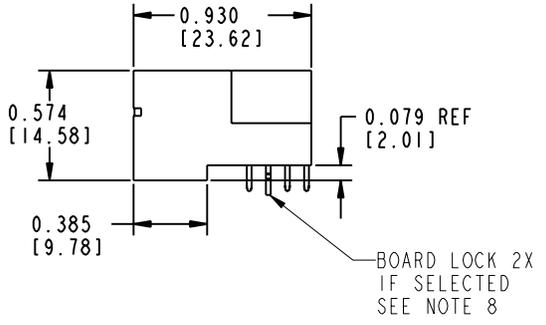
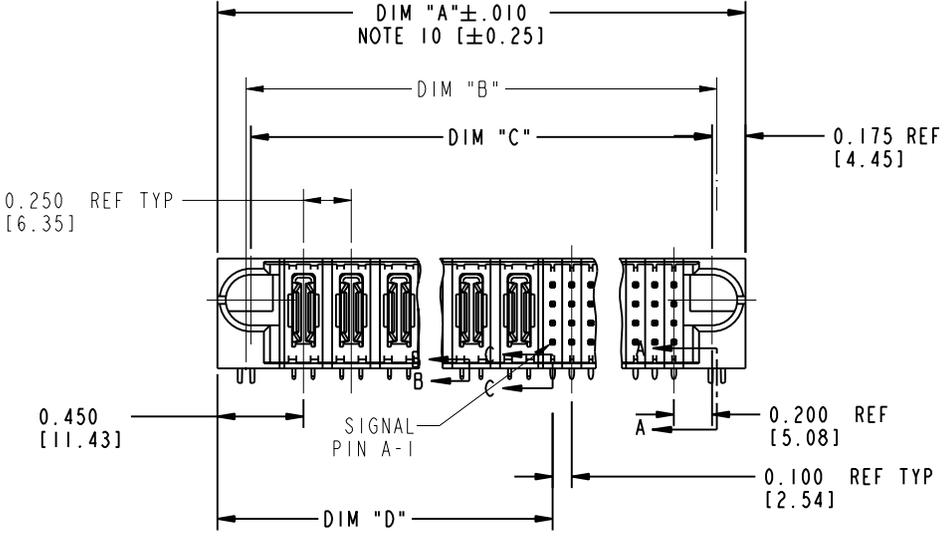


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PRODUCT NUMBER  
51722-ABBCCC00EF\_\_  
SEE NOTE 1



SEE NOTE 9



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

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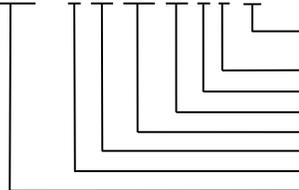
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PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 10)
51722-ABBCC00EF...	DIM "A"	.250 [6.35] x BB + .100 [2.54] x (CCC/4) + .650 [16.51] (NOTE 10)
SEE NOTE 1	DIM "B"	.250 [6.35] x BB + .100 [2.54] x (CCC/4) + .350 [8.89]
	DIM "C"	.250 [6.35] x BB + .100 [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

- 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.

- 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 CONNECTER.
- 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

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

1 | 2

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PDM: Rev:K

STATUS: Released

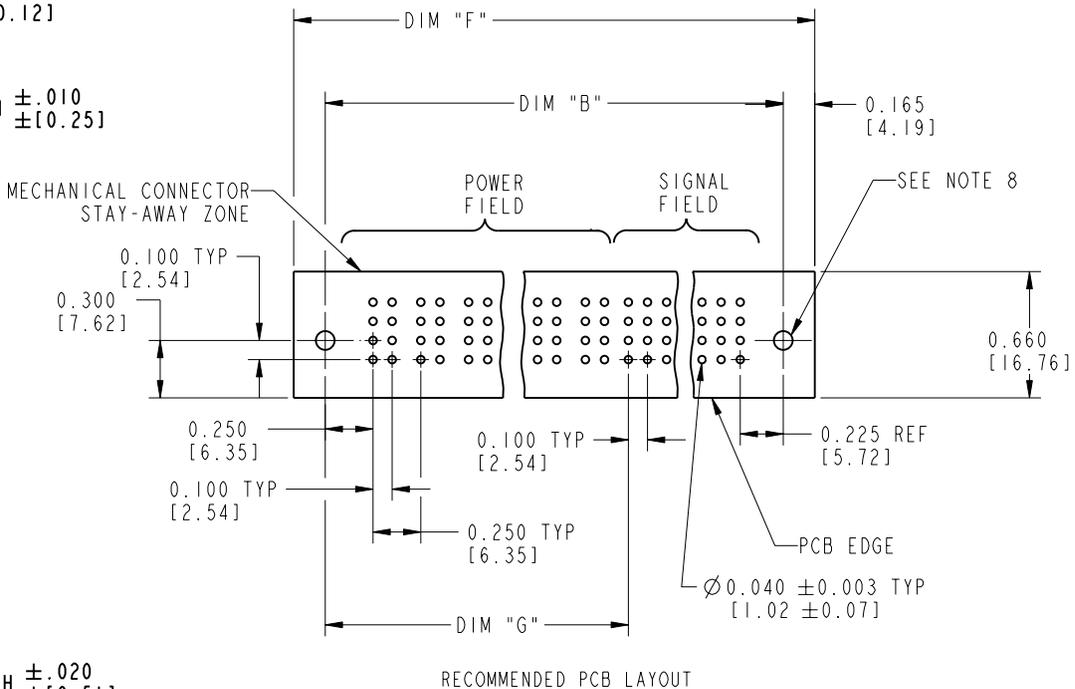
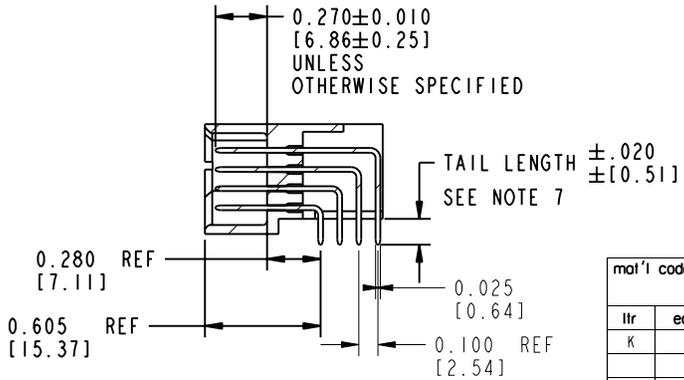
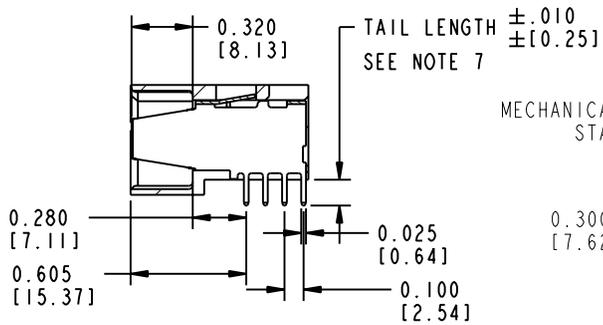
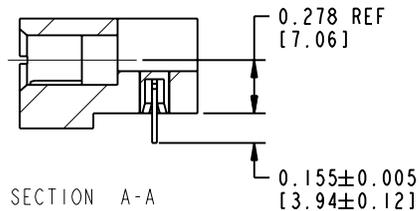
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PRODUCT NUMBER  
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Note ①



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lfr	ecr no.	dr	date	linear	.XX±.01/.X±.3	COPY		projection		title	
K				angles	.XXX±.005/.XX±.13	INCH/MM		RIGHT ANGLE HEADER w/GUIDE PIN POWER / SIGNAL		product family POWERBLADE	
				dr	.XXX±.0020/.XXX±.051	scale		product family POWERBLADE		code	
				engr	0°±2°	1:1		size		213	
				chr	D. BOGLE 05-18-99			dwg no		3 of 3	
				appd	J. BROWN 08-20-98			51722			
					J. BROWN 05-18-99						
sheet index	revision sheet										

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