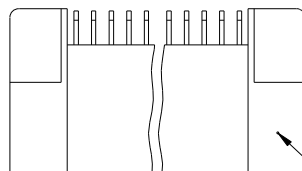


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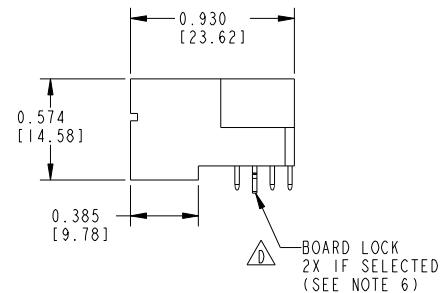
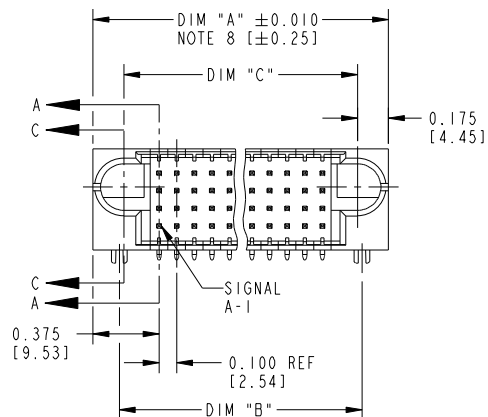


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PRODUCT NUMBER
51966- A00CCC00EF_
SEE NOTE 1



SEE NOTE 7



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection 	title RIGHT ANGLE HEADER w/GUIDE PIN SIGNAL		
A	V04-0660	TAB	06/23/04		.XXX±.005/.XX±.13				
B	DG05-0563	RYAN	01/03/06	.XXXX±.0020/.XXX±.051					
C	DG08-0239	JC	09/12/08	angles 0°±2°					
D	DG10-0329	PB	09/13/10						
				dr	T. BRUNGARD 06/23/04	INCH / MM 	product family	PwrBlade	code
				enrg	M. GRAY 06/23/04		size	dwg no	213
				chr	M. GRAY 06/23/04	scale 1:1	A	51966	SHEET 1 OF 3
				appd	M. GRAY 06/23/04				
sheet index	revision sheet	D 1	D 2	D 3					

form no. 7530-001-103

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PRODUCT NUMBER
51966-A00CCC00EF--
SEE NOTE 1

CONNECTOR NOTES

- ① PRODUCT NUMBER CODE:
51966 - A 00 CCC 00 E F LF
- WITH THIS SUFFIX: Sn ON SOLDER AREA
WITHOUT THIS SUFFIX: SnPb ON SOLDER AREA (NOTE 3)
RETENTION TO PCB (NOTE 6)
TAIL OPTIONS (NOTE 5)
ALWAYS "00"
NUMBER OF SIGNAL CONTACTS (NOTE 4)
ALWAYS "00"
PLATING (NOTE 3)
BASE NUMBER
- ② HOUSING MATERIAL: GLASS FILLED V-O HIGH TEMP THERMO PLASTIC.
SIGNAL CONTACT MATERIAL: PHOS BRONZE
- ③ PLATING OPTION:
1 = SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51966-100CCC00EF
AND 51966-100CCC00EFLF RESPECTIVELY
- ④ SIGNAL CONTACTS, 004 TO 148 AVAILABLE.
- ⑤ TAIL OPTIONS:
A = .135 [3.43] SOLDER TO BOARD

DIM	LENGTH FORMULAS (SEE NOTE 8)
DIM "A"	.100 [2.54] x (CCC/4) + .650 [16.51](NOTE 8)
DIM "B"	.100 [2.54] x (CCC/4) + .350 [8.89]
DIM "C"	.100 [2.54] x (CCC/4) + .300 [7.62]
DIM "D"	.100 [2.54] x (CCC/4) + .680 [17.27]

- ⑥ RETENTION TO PCB OPTIONS:
A = BOARD LOCK (REQUIRES .098 + .002, -.001
[2.49 +0.05, -0.03] THRU HOLE IN PCB).
MOUNTING FOOT THICKNESS: .220[5.59]
B = .150 [3.81] THRU HOLE (REQUIRES .158±.003
[4.01±08] THRU HOLE IN PCB).
MOUNTING FOOT THICKNESS: .160[4.06]
⑦ MANUFACTURE'S NAME, P/N, AND DATE CODE
TO APPEAR ON THIS SURFACE.
⑧ THE MAXIMUM OVERALL LENGTH (DIM A) OF A PART
IS 8.00 [203.2]
9. PRODUCT SPECIFICATION GS-12-149

PCB NOTES:

10. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
11. ALL THROUGH HOLES ARE LOCATED WITH A
TRUE POSITION OF .004[0.10]
12. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
13. 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.
14. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE
WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

THIS FILE WAS ORIGINALLY CREATED IN THE PRO
ENGINEER ENVIRONMENT AND ANY FUTURE REVISIONS TO
THIS FILE MUST BE MADE IN THE PRO ENGINEER
ENVIRONMENT

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litr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection		title	RIGHT ANGLE HEADER w/GUIDE PIN SIGNAL
D					.XXX±.005/.XX±.13				
					.XXX±.0020/.XX±.051				
				angles	0°±2°				
				dr	T. BRUNGARD 06/23/04	INCH / MM		product family	PwrBlade
				engr	M. GRAY 06/23/04	scale	1:1	size	dwg no
				chr	M. GRAY 06/23/04				51966
				appd	M. GRAY 06/23/04				213
sheet index	revision sheet								SHEET 2 OF 3

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1 2

3

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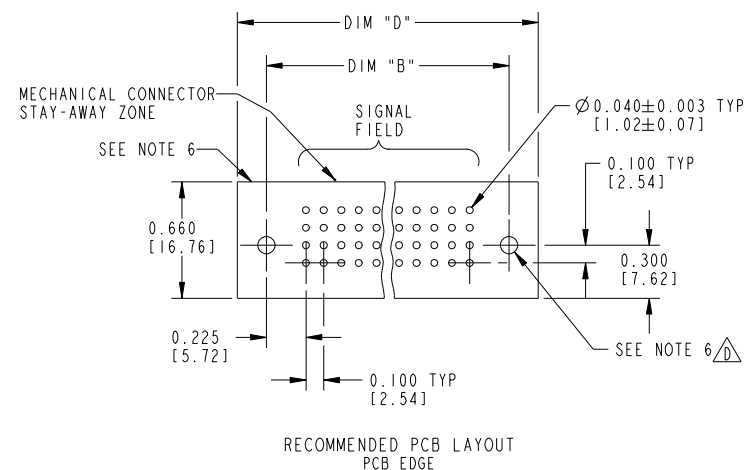
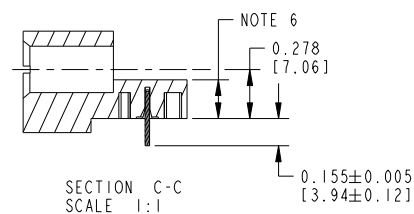
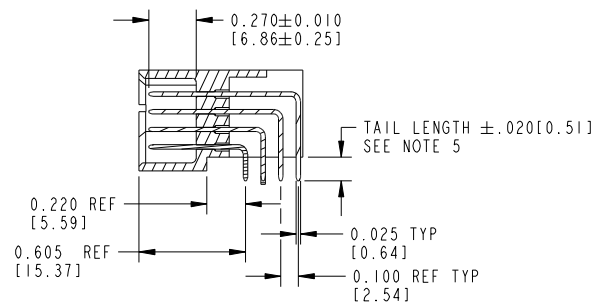
4

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PRODUCT NUMBER
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mat'l code				tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com		
litr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection 	title RIGHT ANGLE HEADER w/GUIDE PIN SIGNAL			
D					.XXX±.005/.XX±.13 .XXX±.0020/.XXX±.051					
				angles	0°±2°	INCH / MM 	product family		PwrBlade	code
				dr	T. BRUNGARD 06/23/04		scale 1:1	size A	dwg no 51966	213
				engr	M. GRAY 06/23/04					
				chr	M. GRAY 06/23/04					
				appd	M. GRAY 06/23/04					SHEET 3 OF 3
sheet index	revision sheet									

form no. 7530-001-103

cage code
22526