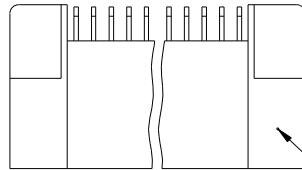


Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du proprietaire. Propriete de c FCI. Droits de reproduction FCI.

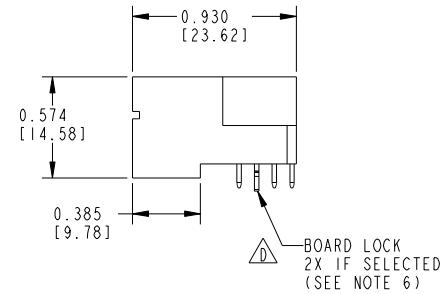
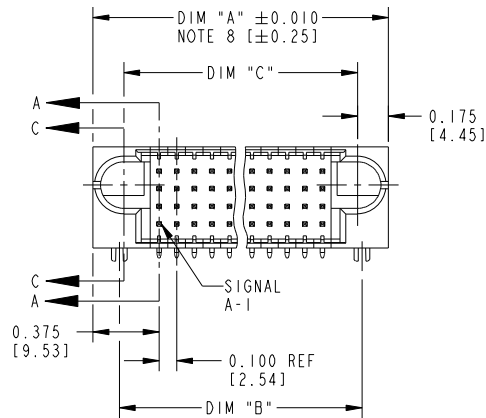


All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

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	angles	.XXXX±.0020/.XXX±.051	 INCH / MM	product family PwrBlade		
C	DG08-0239	JC	09/12/08		0°±2°				
D	DG10-0329	PB	09/13/10	dr	T. BRUNGARD 06/23/04	scale 1:1	size A	dwg no 51966	code 213 SHEET 1 OF 3
				enr	M. GRAY 06/23/04				
				chr	M. GRAY 06/23/04				
				appd	M. GRAY 06/23/04				
sheet index	revision sheet	D 1	D 2	D 3					

form no. 7530-001-103

cage code
22526

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du proprietaire. Propriete de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

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. $\varnothing 0.0453 \pm .001$ [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 Δ 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

mat'l code				tolerances unless otherwise specified		CUSTOMER COPY		FCI 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/.XX±.051				
				angles	0°±2°				
				dr	T. BRUNGARD 06/23/04	INCH / MM		product family	PwrBlade
				engr	M. GRAY 06/23/04	scale		size	dwg no
				chr	M. GRAY 06/23/04	1:1		51966	code
				appd	M. GRAY 06/23/04				213
sheet	revision								SHEET
index	sheet								2 OF 3

form no. 7530-001-103

1 2

3

cage code
22526

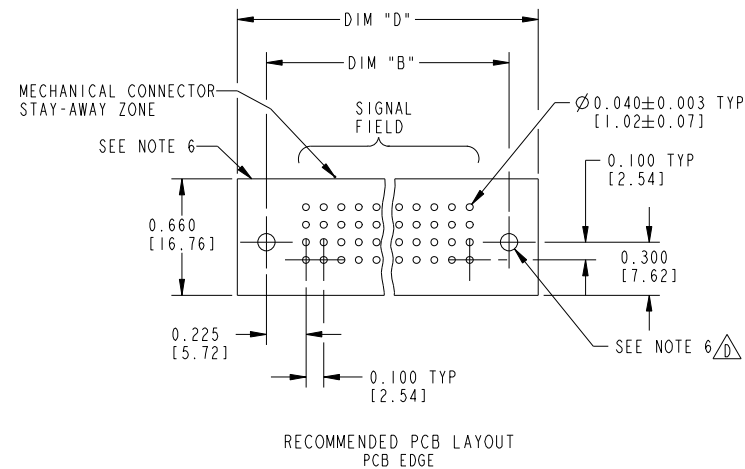
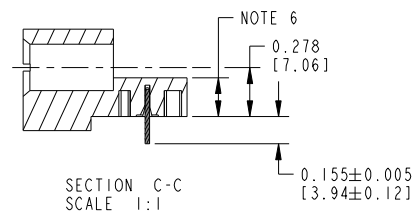
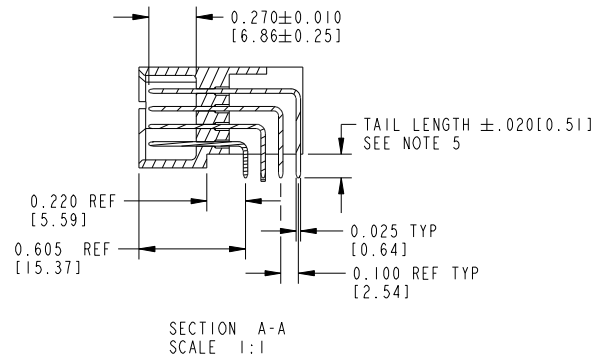
4

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du proprietaire. Propriete de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER
51966 - A00CCC00EF_



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

form no. 7530-001-103

cage code 22526