

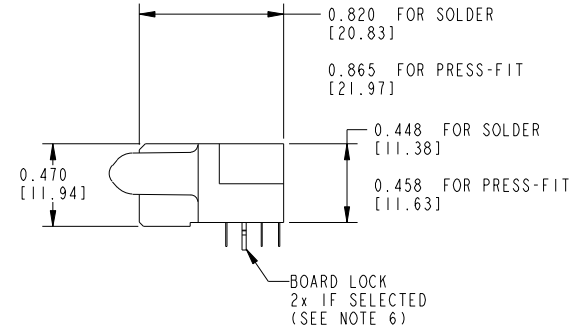
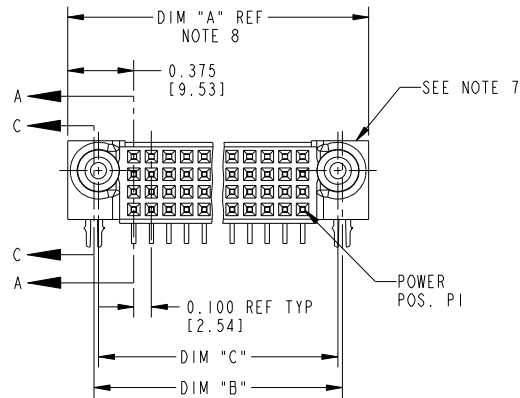
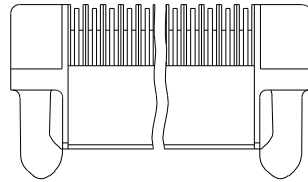
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PRODUCT NUMBER
51968-A00CCC00EF_
SEE NOTE 1

1 2 3 4



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mat'l code SEE NOTE 2				tolerances unless otherwise specified			CUSTOMER COPY		FCI www.fciconnect.com			
ltr	ecr no.	dr	date	linear	.XX±.01/.X±.3			projection 	title RIGHT ANGLE RECEPTACLE w/GUIDE PIN SIGNAL			
A	V04-0660	TAB	06/23/04		.XXX±.005/.XX±.13							
B	DG07-0080	RYAN	03/09/07		.XXXX±.0020/.XXX±.051							
C	DG08-0239	JC	09/12/08	angles	0°±2°			INCH / MM scale 1:1	product family		PwrBlade	code
				dr	T. BRUNGARD 06/23/04		size		dwg no	51968		213
				enrg	M. GRAY 06/23/04							
				chr	M. GRAY 06/23/04							
				appd	M. GRAY 06/23/04			A			SHEET 1 OF 3	
sheet index	revision sheet	C	C	C								
		1	2	3								

form no. 7530-001-103

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cage code
22526

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CONNECTOR NOTES

- ①. PRODUCT NUMBER CODE:
51968 - A 00 CCC 00 E F LF
W/O THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE
WITH THIS SUFFIX: 78u"/2.00um Sn ON PCB INTERFACE
RETENTION TO PCB (NOTE 6)
TAIL OPTIONS (NOTE 5)
ALWAYS "00" (ZERO, ZERO)
NUMBER OF SIGNAL CONTACTS (NOTE 4)
ALWAYS "00" (ZERO, ZERO)
PLATING (NOTE 3)
BASE NUMBER
- ②. HOUSING MATERIAL: GLASS FILLED V-O HIGH TEMP THERMO PLASTIC.
SIGNAL CONTACT MATERIAL: COPPER ALLOY
- ③. PLATING OPTION:
I = SEE PRINT 10064183 FOR PLATING SPEC OF 51968-100CCC00EF AND 51968-100CCC00EFLF
- ④. SIGNAL CONTACTS, 004 TO 148 AVAILABLE FOR SOLDER TO BOARD.
020 TO 148 AVAILABLE FOR PRESS-FIT TO BOARD.
- ⑤. TAIL OPTIONS:
A = .135 ±.010 [3.43 ±.25] SOLDER TO BOARD
B = .090 +.005 / -.010 [2.29 +0.13 / -0.25] SOLDER TO BOARD
C = .154 ±.010 [3.91 ±0.25] PRESS-FIT 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 HEIGHT:
.220[5.59]
NOT AVAILABLE FOR PRESS-FIT
B = .150 [3.81] THRU HOLE (REQUIRES .158 ±0.003
[4.01 ±0.08] THRU HOLE IN PCB).
MOUNTING FOOT HEIGHT
.160[4.06]
ALWAYS AVAILABLE FOR PRESS-FIT
- 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
10. APPLICATION SPECIFICATION BUS-20-067.
11. FOR PRESS-FIT CONNECTORS USE FCI CAM TOOL 430140-XXX
TO APPLY CONNECTOR TO PCB.

PCB NOTES:

12. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
13. ALL THROUGH HOLES ARE LOCATED WITH A
TRUE POSITION OF .004[0.10]
14. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- ⑮. Ø0.0453 ±.001 [1.151 ±0.02] DRILLED HOLES PLATED WITH
0.0003 [0.007] MIN SnPb OR Sn OVER 0.001 [1.03] TO .003
[0.08] Cu PLATING TO ACHIEVE A .040±.003 [1.02±08] HOLE.
16. A△SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE
WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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ltr	ecr no.	dr	date	linear	.XX±.01/.X±.3	projection 	title RIGHT ANGLE RECEPTACLE w/GUIDE PIN SIGNAL	product family PwrBlade	code 213
c					.XXX±.005/.XX±.13				
					.XXX±.0020/.XXX±.051				
				angles	0°±2°	INCH / MM scale 1:2	A	size dwg no 51968	SHEET 2 OF 3
				dr	T. BRUNGARD 06/23/04				
				enr	M. GRAY 06/23/04				
				chr	M. GRAY 06/23/04				
				appd	M. GRAY 06/23/04				
sheet index	revision sheet								

form no. 7530-001-103

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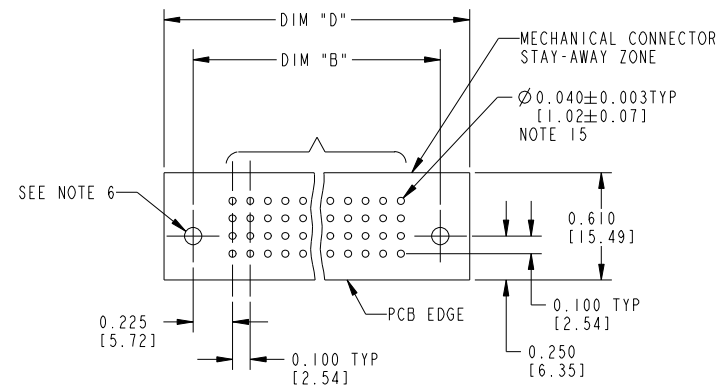
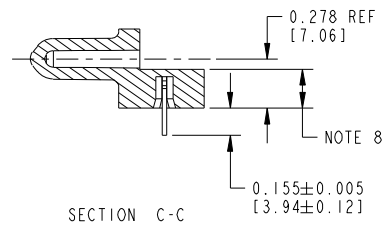
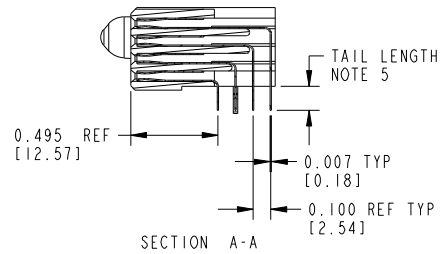
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litr	ecr no.	dr	date	linear	.XX±.01/.X±.3	projection 	title RIGHT ANGLE RECEPTACLE w/GUIDE PIN SIGNAL	product family PwrBlade	code 213
C					.XXX±.005/.XX±.13				
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				angles	0°±2°	INCH / MM scale 1:1	size dwg no 51968	A	SHEET 3 OF 3
				dr	T. BRUNGARD 06/23/04				
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sheet index		revision sheet							

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