

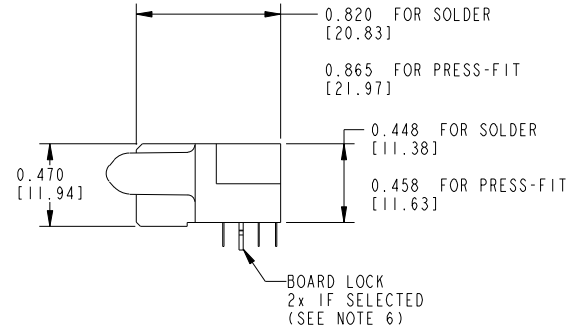
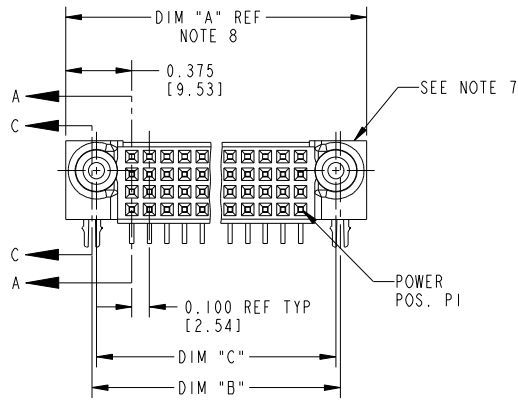
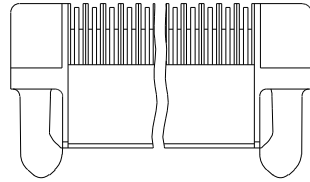
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PRODUCT NUMBER
51968-A00CCC00EF_..
SEE NOTE 1

1 | 2 | | | | | | | | | | 3 | 4



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mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER COPY	www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3		title RIGHT ANGLE RECEPTACLE w/GUIDE PIN SIGNAL	
A	V04-0660	TAB	06/23/04		.XXX±.005/.XX±.13		product family PwrBlade code 213 size dwg no 51968 SHEET 1 OF 3	
B	DG07-0080	RYAN	03/09/07		.XXX±.0020/.XXX±.051			
C	DG08-0239	JC	09/12/08	angles	0°±2°	INCH / MM	scale 1:1	
				dr	T. BRUNGARD 06/23/04	A		cage code 22526
				enr	M. GRAY 06/23/04			
				chr	M. GRAY 06/23/04			
				appd	M. GRAY 06/23/04			
sheet index	revision sheet	C	C	C				
		1	2	3				

form no. 7530-001-103

1 | 2

3 |

4

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PRODUCT NUMBER
51968-A00CCC00EF_
SEE NOTE 1

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. $\varnothing 0.0453 \pm .001$ [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 ± 0.08] 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	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection 	title RIGHT ANGLE RECEPTACLE w/GUIDE PIN SIGNAL			
c					.XXX±.005/.XX±.13		INCH / MM 	product family PwrBlade		code 213
				angles	.XXX±.0020/.XXX±.051			size	dwg no 51968	
				dr	0° ± 2°	scale	1:2			
				enr	T. BRUNGARD 06/23/04					
				chr	M. GRAY 06/23/04					
				appd	M. GRAY 06/23/04					
sheet index	revision sheet									

form no. 7530-001-103

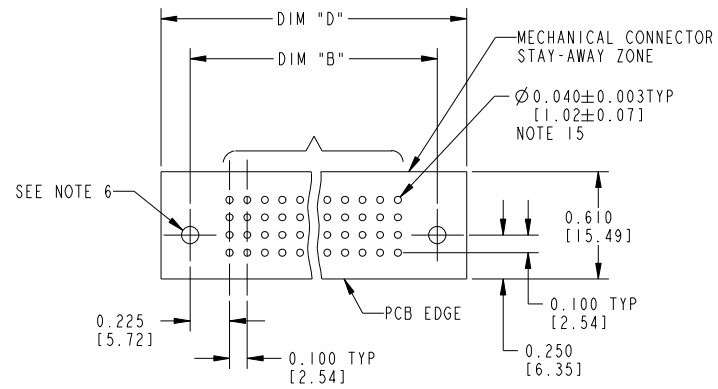
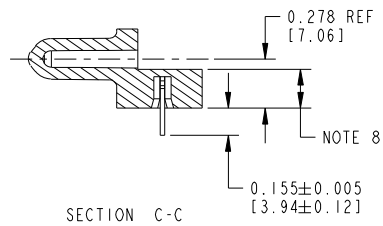
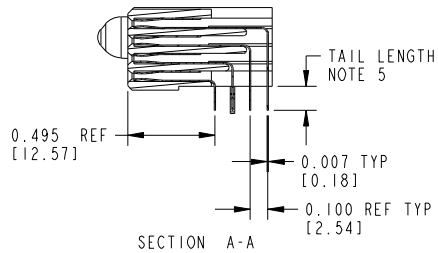
cage code 22526

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SEE NOTE 1



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

form no. 7530-001-103

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