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PRODUCT NUMBER
51968-A00CC00EF...
SEE NOTE 1

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]

CONNECTOR NOTES

- PRODUCT NUMBER CODE:
51968 - A 00 CCC 00 E F LF
 - W/O THIS SUFFIX: 100µ"/2.54µm SnPb ON PCB INTERFACE
 - WITH THIS SUFFIX: 78µ"/2.00µm Sn ON PCB INTERFACE Δ
 - 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
- HOUSING MATERIAL: GLASS FILLED V-O HIGH TEMP THERMO PLASTIC.
SIGNAL CONTACT MATERIAL: COPPER ALLOY
- PLATING OPTION:
1 = SEE PRINT 10064183 FOR PLATING SPEC OF 51968-100CC00EF AND 51968-100CC00EFLF
- SIGNAL CONTACTS, 004 TO 148 AVAILABLE FOR SOLDER TO BOARD.
020 TO 148 AVAILABLE FOR PRESS-FIT TO BOARD.
- TAIL OPTIONS:
A = .135 ± .010 [3.43 ± .25] SOLDER TO BOARD
B = .090 ± .005 / -.010 [2.29 ± .13 / -.25] SOLDER TO BOARD
C = .154 ± .010 [3.91 ± 0.25] PRESS-FIT TO BOARD

- 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**
 - MANUFACTURE'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.
 - THE MAXIMUM OVERALL LENGTH (DIM A) OF A PART IS 8.00 [203.2]
 - PRODUCT SPECIFICATION GS-12-149
 - APPLICATION SPECIFICATION BUS-20-067.
 - FOR PRESS-FIT CONNECTORS USE FCJ CAM TOOL 430140-XXX TO APPLY CONNECTOR TO PCB.
- PCB NOTES:
- ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
 - ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004[0.10]
 - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
 - $\varnothing 0.0453 \pm 0.001$ [1.151 ± 0.025] 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.
 - A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCJ		www.fcjconnect.com	
ltr	ecr no.	dr	date	linear	.XX±.01 / .X±.3	COPY		projection		title	
C				angles	.XXX±.005 / .XX±.13	RIGHT ANGLE RECEPTACLE w/GUIDE PIN SIGNAL		product family		code	
				dr	0° ± 2°	INCH / MM		size		213	
				eng	T. BRUNGARD 06/23/04	scale		dwg no		SHEET	
				chr	M. GRAY 06/23/04	1:2		51968		2 OF 3	
				appd	M. GRAY 06/23/04						
sheet index	revision	sheet									

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form no. 7530-001-I03

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cage code 22526

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PDM: Rev:C

STATUS:Released

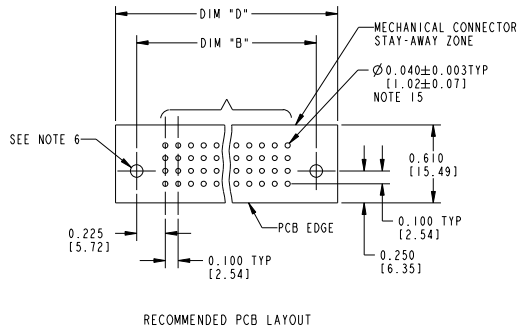
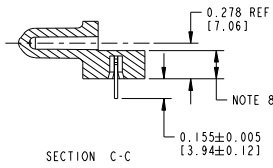
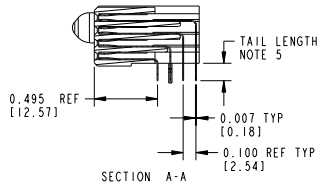
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PRODUCT NUMBER
51968-A00CC00EF--
SEE NOTE 1



mat'l code		tolerances unless otherwise specified		CUSTOMER COPY		FCJ www.fciconnect.com	
lfr	ecm no.	dr	date	linear	projection	title	
C				.XX±.01/.X±.3 .XXX±.005/.XX±.13 .XXX±.0020/.XX±.051 of 2"		RIGHT ANGLE RECEPTACLE w/GUIDE PIN SIGNAL	
				dr	INCH / MM	product family	code
				eng	scale	PerBlade	213
				chr	1:1	size	SHEET
				appd		51968	3 OF 3
sheet index	revision sheet						

form no. 7530-001-103

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