



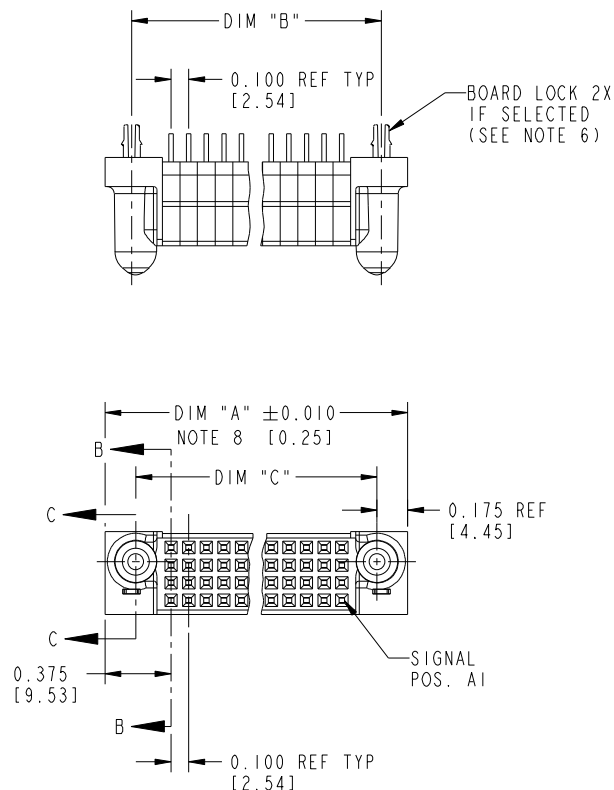
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A

B

PRODUCT NUMBER
51967-A00CCC00EF-- Note: ①
SEE NOTE 1



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date					COPY		projection		title	
A	V04-0660	TAB	06/23/04	linear		.XX $\pm$.01/0.X $\pm$ 0.3						VERTICAL RECEPTACLE w/GUIDE PIN SIGNAL	
B	DG05-0124	SJ	06/02/05			.XXX $\pm$.005/0.XX $\pm$ 0.13							
C	DG08-0239	JC	09/12/08	angles		.XXX $\pm$.0020/.XX $\pm$.051							
						0° $\pm$ 2°							
				dr	T. BRUNGARD	06/23/04						product family	PwrBlade
				enrg	M. MOSTOLLER	mm/dd/yy						size	dwg no
				chr	M. GRAY	06/23/04							213
				appd	M. GRAY	06/23/04							sheet
													1 of 3
sheet index	revision sheet	C	C	C									
		1	2	3									

1 | 2

Pro/E

3 |

cage code 22526

4



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PRODUCT NUMBER
51967-A00CCC00EF-- Note: ③
SEE NOTE 1

CONNECTOR NOTES

- PRODUCT NUMBER CODE:
51967 - A 00 CCC 00 E F LF
NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE
ADD THIS SUFFIX: 78u"/2.00um Sn ON PCB INTERFACE
RETENTION TO PCB (NOTE 6)
TAIL OPTIONS (NOTE 5)
ALWAYS "00"
NUMBER OF SIGNAL CONTACTS (NOTE 4)
ALWAYS "00"
PLATING (NOTE 3)
BASE NUMBER
- HOUSING MATERIAL: GLASS FILLED V-O HIGH TEMP THERMO PLASTIC.
SIGNAL CONTACT MATERIAL: COPPER ALLOY
- PLATING OPTION:
I = SEE PRINT 10064183 FOR PLATING SPEC OF 51967-100CCC00EF AND 51967-100CCC00EFLF
- SIGNAL CONTACTS, 004 TO 148 AVAILABLE.
- TAIL OPTIONS:
A = .135 ±0.010 [3.43±0.25] SOLDER TO BOARD
C = .135 ±0.010 [3.43±0.25] PRESS FIT

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]

- RETENTION TO PCB OPTIONS:
A = BOARD LOCK (REQUIRES .098 + .002, -.001 [2.49 +0.05, -0.03] THRU HOLE IN PCB)
RECOMMENDED ON SYMMETRIC CONNECTORS.
BOARD LOCK TO BE USED IN CONJUNCTION WITH AN .092 PCB OR THICKER.
C = NO RETENTION FEATURE.
 - 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.
- PCB NOTES:
- ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
 - ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004 [0.01]
 - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
 - 0.0453±.001 [1.151±.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.
 - A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com	
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title VERTICAL RECEPTACLE w/GUIDE PIN SIGNAL			
C					.XXX±.005/0.XX±0.13 .XXX±.0020/.XX±.051	projection 					
				angles	0°±2°			product family PwrBlade		code	
				dr	T. BRUNGARD 06/23/04	INCH/MM — —		size dwg no 51967	A		213
				enrg	M. MOSTOLLER mm/dd/yy						sheet
				chr	M. GRAY 06/23/04	scale 1:1		A		2 of 3	
				appd	M. GRAY 06/23/04						
sheet index	revision sheet										

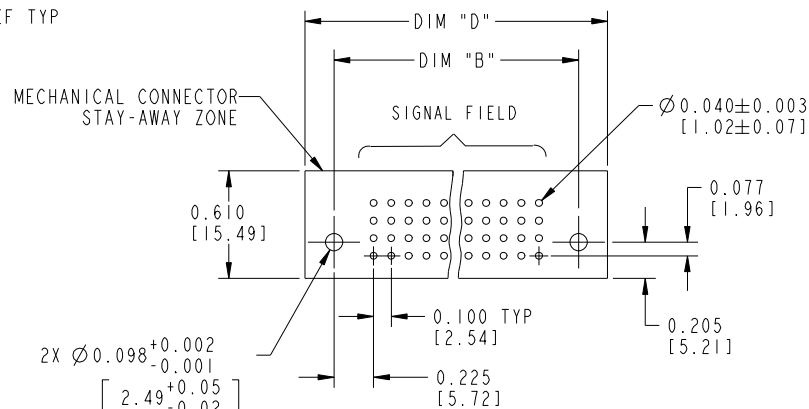
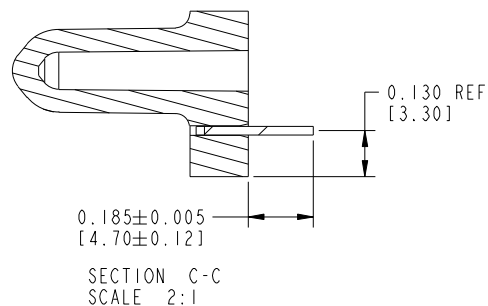
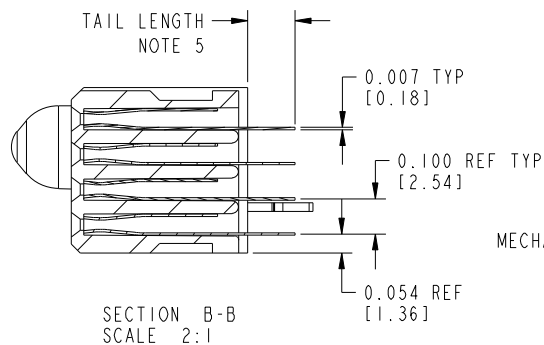
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PRODUCT NUMBER
51967-A00CCC00EF-- Note: (3)
SEE NOTE 1



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com			
litr		ecn no.		dr		date		linear		.XX±.01/0.X±0.3		COPY		projection 		title VERTICAL RECEPTACLE w/GUIDE PIN SIGNAL							
C										.XXX±.005/0.XX±0.13													
								angles		.XXX±.0020/.XX±.051						product family PwrBlade							
										0°±2°													
								dr		T. BRUNGARD 06/23/04		INCH/MM 		product family size		dwg no		code 213					
								enrg		M. MOSTOLLER mm/dd/yy													
								chr		M. GRAY 06/23/04		scale 1:1		A		51967		sheet 3 of 3					
								appd		M. GRAY 06/23/04													
sheet index		revision sheet																					

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