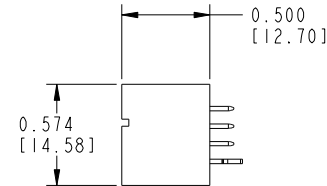
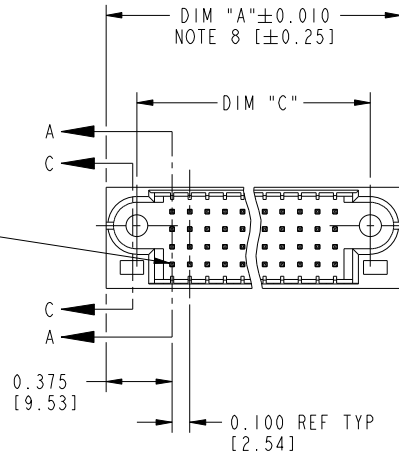
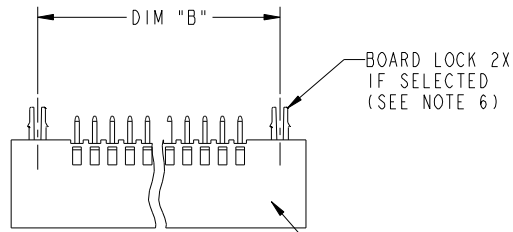


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PRODUCT NUMBER
51965-A00CCC00EF--
NOTE 1



mat'l code		NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection	
A	V04-0387	TAB	04/16/04		.XXX±.005/0.XX±0.13			title	
B	DG05-0563	RYAN	12/30/05		.XXX±.0020/.XXX±.051	INCH/MM		VERTICAL HEADER w/ GUIDE PIN SIGNAL	
C	DG10-0262	Anson	07/15/10	angles	0°±2°	scale		product family	
				dr	T. BRUNGARD 04/16/04	1:1		PWRBLADE	
				enr	M. GRAY 04/16/04	A		code	
				chr	M. GRAY 04/16/04			213	
				appd	M. GRAY 04/16/04			size	
								dwg no	
								51965	
sheet index	revision sheet	C	C	C				sheet	
		1	2	3				1 of 3	

cage code 22526

Pro/E

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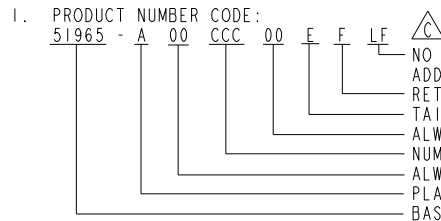


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PRODUCT NUMBER
51965-A00CCC00EF -- NOTE 1

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



- 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
- 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. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH) ASME Y14.5m, 1994 UNLESS OTHERWISE SPECIFIED.
- PCB NOTES:
11. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
12. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
13. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
14. Ø0.098 [2.49] THROUGH HOLES ARE UNPLATED.
15. Ø0.0453±0.0010 [1.151±0.025] DRILLED HOLES PLATED WITH 0.0003 [0.008] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu PLATING TO ACHIEVE A Ø0.040±0.003 [1.02±0.07] HOLE.
16. FOR PRESSFIT APPLICATION USE FCI CAM TOOL 430169-XXX.
2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC
 SIGNAL CONTACT MATERIAL: COPPER ALLOY
3. PLATING:
 1-SEE PRINT 10064183 FOR PLATING SPEC OF 51965-100CCC00EF AND 51965-100CCC00EFLF RESPECTIVELY
- 4 SIGNAL CONTACT, 004 TO 148 AVAILABLE.
- 5 TAIL OPTIONS:
 A = 0.135 +0.015/-0.010 [3.43 +0.38/-0.25] SOLDER TO BOARD
 B = 0.165 +0.015/-0.010 [4.19 +0.38/-0.25] SOLDER TO BOARD
 C = 0.165 +0.015/-0.010 [4.19 +0.38/-0.25] PRESS FIT
- 6 RETENTION TO PCB OPTIONS:
 A = BOARD LOCK (REQUIRES 0.098 +0.002/-0.001 [2.49 +0.05/-0.03] THUR HOLE IN PCB). RECOMMENDED ON SYMMETRIC CONNECTORS. BOARD LOCK TO BE USED IN CONJUNCTION WITH A .092 PCB OR THICKER.
 C = NO RETENTION FEATURE.

mal't code		NOTE 2		tolerances unless otherwise specified		CUSTOMER			
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
C				projection	.XXX±.005/0.XX±0.13	projection		title VERTICAL HEADER w/ GUIDE PIN SIGNAL	
				angles	.XXX±.0020/.XXX±.051			product family PWRBLADE code 213	
				dr	0°±2°	INCH/MM		size dwg no 51965 sheet 2 OF 3	
				enr	T. BRUNGARD 04/16/04	scale 1:1		cage code 22526	
				chr	M. GRAY 04/16/04				
				appd	M. GRAY 04/16/04				
sheet index	revision sheet								

1 | 2

3 |

4

Pro/E

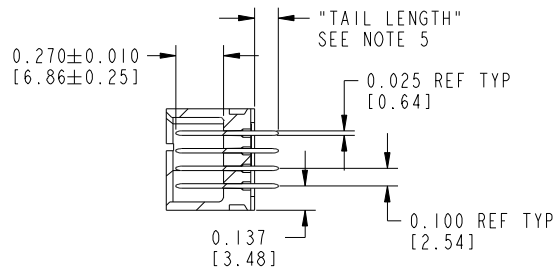
cage code 22526

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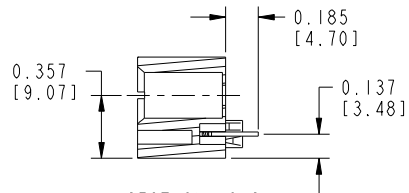


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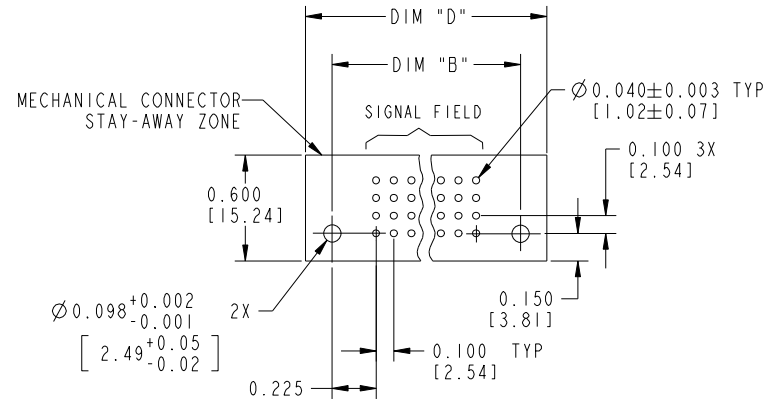
PRODUCT NUMBER
51965-A00CCC00EF--
NOTE 1



SECTION A-A



SECTION C-C



RECOMMENDED PCB LAYOUT

mal't code		NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection	
C				angles	.XXX±.005/0.XX±0.13			title	
				dr	.XXX±.0020/.XXX±.051	INCH/MM		VERTICAL HEADER w/ GUIDE PIN SIGNAL	
				enr	0°±2°	scale		product family	
				chr	T. BRUNGARD 04/16/04	1:1		PWRBLADE	
				appd	M. GRAY 04/16/04	size		code	
					M. GRAY 04/16/04	A		213	
sheet index	revision sheet					51965		3 OF 3	

Pro/E	3	cage code	22526	4
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