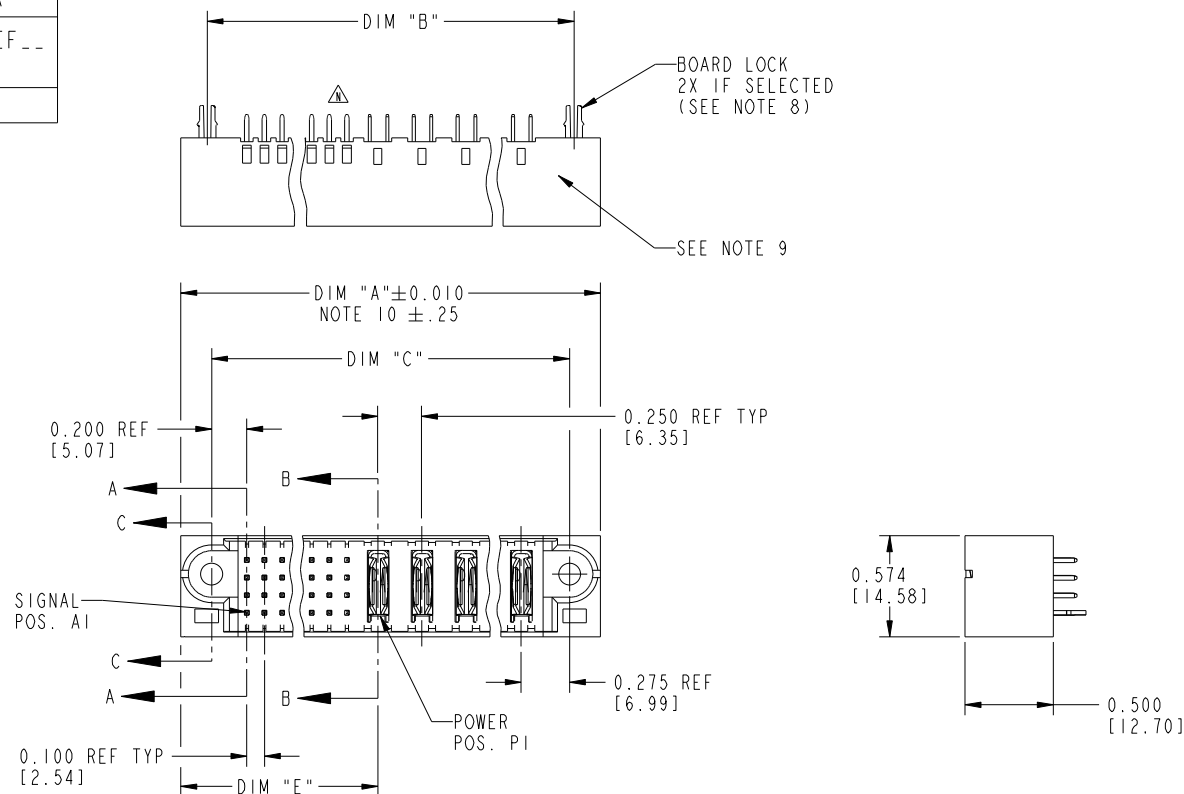




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PRODUCT NUMBER
51701-A00CCCDDEF--
Note: ①
SEE NOTE 1



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 HEADER w/ GUIDE PIN SIGNAL / POWER					
J	DG05-0132		SJ	05/30/05			.XXX±.005/0.XX±0.13				projection								
K	DG06-0505		CS	01/13/05			.XXX±.0020/.XXX±.051				projection								
L	DG08-0239		JC	09/11/08		angles	0°±2°				INCH/MM		product family PWRBLADE				code 213		
M	DG09-0231		JW	07/14/09		dr	JRW	10-15-01		scale									
N	DG10-0078		AL	02/23/10		enrg	J.ALLISON	10-15-01		scale									
						chr	J.ALLISON	10-15-01				size		dwg no		51701		sheet 1 of	
						appd	J.ALLISON	10-15-01		1:1		A							
sheet index		revision sheet		N	N	N													
				1	2	3													

Pro/E

cage code 22526

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PRODUCT NUMBER		DIM	LENGTH FORMULAS (SEE NOTE 10)
51701-A00CCDDEF-- Note: ①		DIM "A"	.100 [2.54] x (CCC/4) + .250 [6.35] x DD + .650 [16.51] (NOTE 10)
SEE NOTE 1		DIM "B"	.100 [2.54] x (CCC/4) + .250 [6.35] x DD + .350 [8.89]
		DIM "C"	.100 [2.54] x (CCC/4) + .250 [6.35] x DD + .300 [7.62]
		DIM "E"	.100 [2.54] x (CCC/4) + .450 [11.43]
		DIM "F"	.100 [2.54] x (CCC/4) + .250 [6.35] x DD + .680 [17.27]
		DIM "H"	.100 [2.54] x (CCC/4) + .250 [6.35]

CONNECTOR NOTES	
①	PRODUCT NUMBER CODE: 51701 - A 00 CCC DD 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 8) TAIL OPTIONS (NOTE 7) NUMBER OF RIGHT END POWER CONTACTS (NOTE 6) NUMBER OF SIGNAL CONTACTS (NOTE 5) ALWAYS '00' (ZERO, ZERO)(NOTE 4) PLATING (NOTE 3) BASE NUMBER
②	HOUSING MATERIAL: UL94 V-0 GLASS FILLED HIGH TEMP THERMO PLASTIC. SIGNAL CONTACT MATERIAL: COPPER ALLOY POWER CONTACT MATERIAL: COPPER ALLOY
③	PLATING OPTION: 1-SEE PRINT 10064183 FOR PLATING SPEC OF 51701-100CCDDEF; 51701-100CCDDEFLF
④	THIS PART NOT AVAILABLE WITH LEFT SIDE POWER CONTACTS.
⑤	SIGNAL CONTACT, 004 TO 148 AVAILABLE.
⑥	RIGHT END POWER CONTACTS, 01 - 20 AVAILABLE.
⑦	TAIL OPTIONS: A = 0.135 +0.015/-0.010 [3.43 +.38/- .25] SOLDER TO BOARD B = 0.165 +0.015/-0.010 [4.19 +.38/- .25] SOLDER TO BOARD C = 0.165 +0.015/-0.010 [4.19 +.38/- .25] PRESS FIT
⑧	RETENTION TO PCB OPTIONS: A = BOARD LOCK (REQUIRES 0.098 ± .002/- .001 [2.49 +0.05/-0.03] THRU HOLE IN PCB). (NOT AVAILABLE WITH PRESS FIT) C = NO RETENTION FEATURE (ALL PRESS FIT).
⑨	MANUFACTURE'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE. 10. THE MAXIMUM OVERALL LENGTH (DIM A) OF A PART IS 8.00 [203.2] 11. PRODUCT SPECIFICATION GS-12-149 12. SEE PWRBLADE VERTICAL HEADER SPECIAL WORKSHEET (51696) FOR MATING LENGTH OPTIONS. 13. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED. PCB NOTES: 14. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED. 15. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10] 16. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE. 17. Ø0.098 [2.49] THROUGH HOLES ARE UNPLATED 18. 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. 19. FOR PRESS FIT APPLICATION USE FCI CAM TOOL 430169-XXX. 20. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

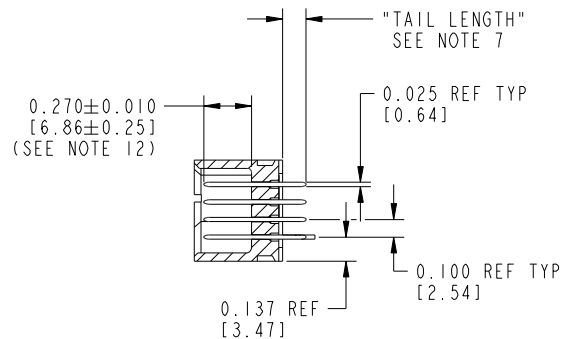
mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	angles	dr	enrg	chr	appd	projection	title
N						JRW	J.ALLISON	J.ALLISON	J.ALLISON		VERTICAL HEADER w/ GUIDE PIN SIGNAL / POWER
						10-15-01	10-15-01	10-15-01	10-15-01		product family PWRBLADE code 213
										scale 1:1	size dwg no 51701 sheet 2
sheet index	revision sheet										cage code 22526

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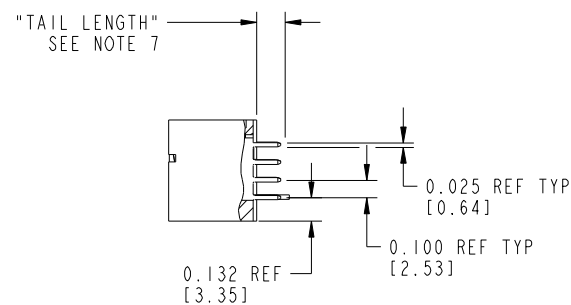


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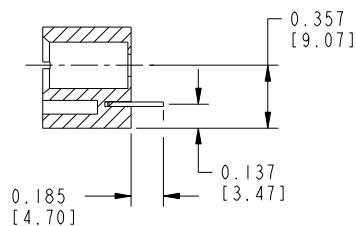
PRODUCT NUMBER
51701-A00CCCDDEF--
Note: ①
SEE NOTE 1



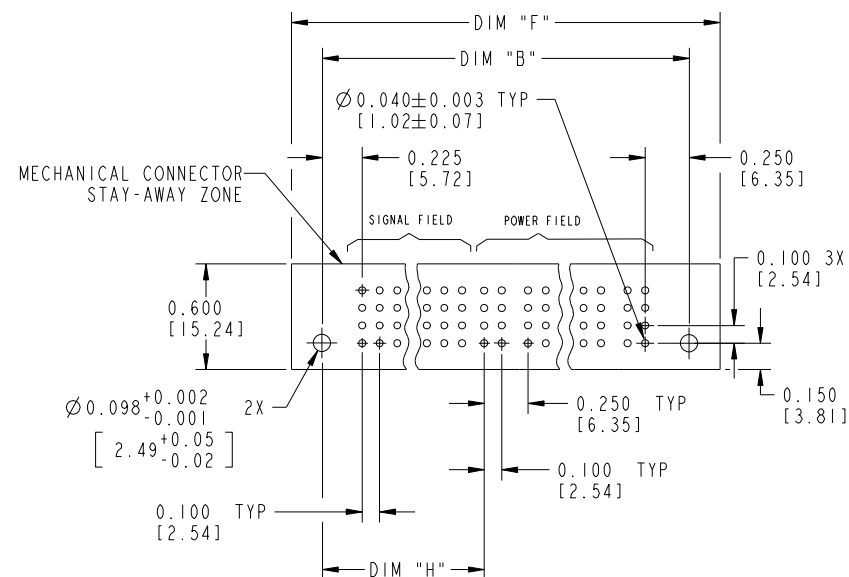
SECTION A-A



SECTION B-B



SECTION C-C



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com			
litr		ecr no.		dr		date		linear angles dr enr chr appd		.XX±.01/0.X±0.3		COPY		projection  INCH/MM scale 1:1		title VERTICAL HEADER w/ GUIDE PIN SIGNAL / POWER		product family		PWRBLADE		code	
N				.XXX±.005/0.XX±0.13						size		dwg no						213					
				.XXX±.0020/.XXX±.051								51701						sheet					
				0°±2°														3					
sheet index		revision sheet																					

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cage code 22526

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<http://moschip.ru/get-element>

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