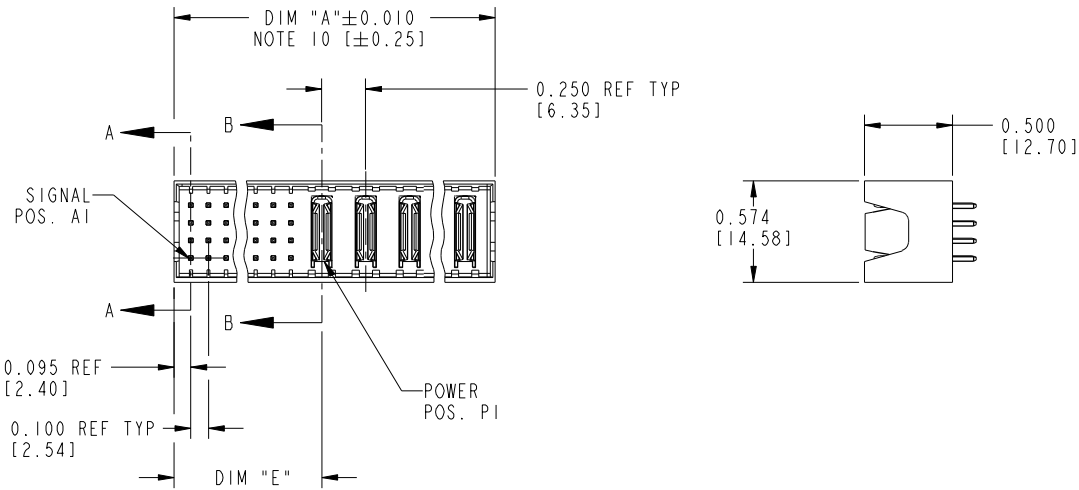
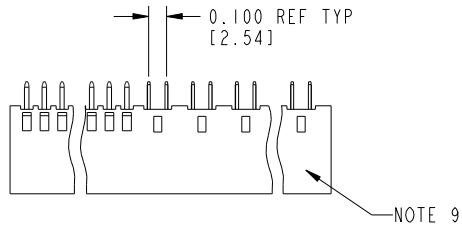


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PRODUCT NUMBER
51705-A00CCDDE0_
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mat'l code				SEEN00E8		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		www.fciconnect.com		
F	V12500	DAI	10-16-01		.XXX±.005/0.XX±0.13		projection		title		
G	V12513	DAI	11-07-01	angles	.XXX±.0020/.XXX±.051		MIM		VERTICAL HEADER w/o GUIDE PIN SIGNAL / POWER		
H	V21104	TAB	09-30-02		0°±2°		scale		product family		
J	DG05-0471	CS	11/16/05	dr	JRW	10-16-01	1:1		PWRBLADE		code
K	DG08-0239	JC	09/11/08	enr	J.ALLISON	10-16-01	A		size		213
				chr	J.ALLISON	10-16-01			dwg no		sheet
				appd	J.ALLISON	10-16-01			51705		1 of 3
sheet index		revision sheet		K	K	K					
		1 2 3									

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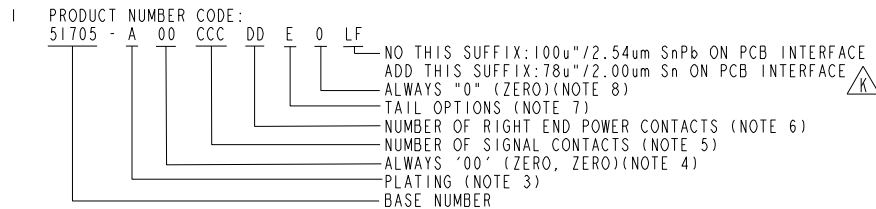


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PRODUCT NUMBER
51705-A00CCDDE0_
SEE NOTE 1

DIM	LENGTH FORMULAS (SEE NOTE 10)
DIM "A"	.100 [2.54] x (CCC/4) + .250 [6.35] x DD + .090 [2.29] (NOTE 10)
DIM "E"	.100 [2.54] x (CCC/4) + .170 [4.32]
DIM "F"	.100 [2.54] x (CCC/4) + .250 [6.35] x DD + .120 [3.05]
DIM "H"	.100 [2.54] x (CCC/4)

CONNECTOR NOTES



- 2 HOUSING MATERIAL: UL94 V-0 HIGH GLASS FILLED TEMP THERMO PLASTIC.
 SIGNAL CONTACT MATERIAL: COPPER ALLOY
 POWER CONTACT MATERIAL: COPPER ALLOY
3. PLATING OPTION:
 I = SEE PRINT 10064183 FOR PLATING SPEC OF 51705-100CCDDE0; 51705-100CCDDE0LF
- 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 +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

- 8 BOARD RETENTION NOT AVAILABLE WITH GUIDELESS ENDS.
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. Ø0.0453 ±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.
18. FOR PRESS FIT APPLICATION USE FCI CAM TOOL 43169-XXX.
19. A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code				NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	projection		COPY		www.fciconnect.com	
K					.XXX±.005/0.XX±0.13	0°±2°		title		VERTICAL HEADER w/o GUIDE PIN SIGNAL / POWER	
				angles	.XXX±.0020/.XXX±.051	MIM		product family		PWRBLADE code	
				dr	JRW 10-16-01	scale		size		213	
				enrg	J.ALLISON 10-16-01	1:1		dwg no		sheet	
				chr	J.ALLISON 10-16-01			51705		2	
				appd	J.ALLISON 10-16-01			A			
sheet index	revision sheet										

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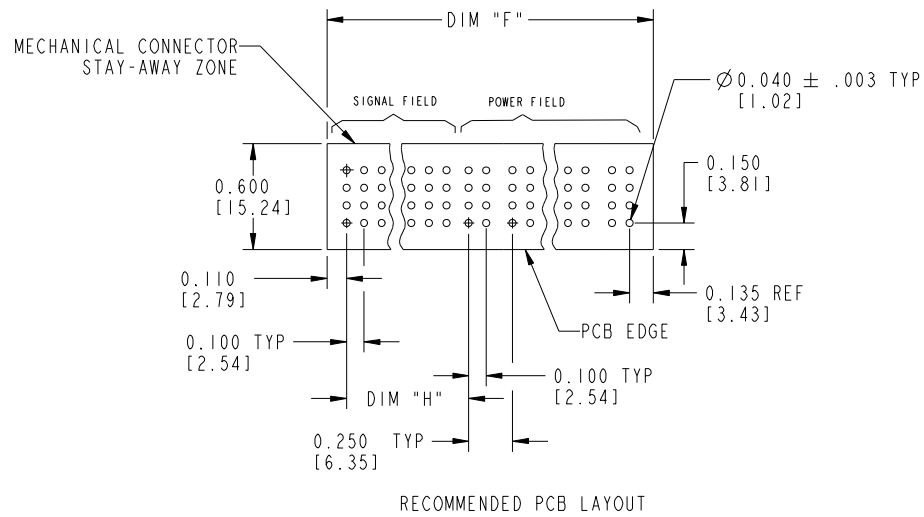
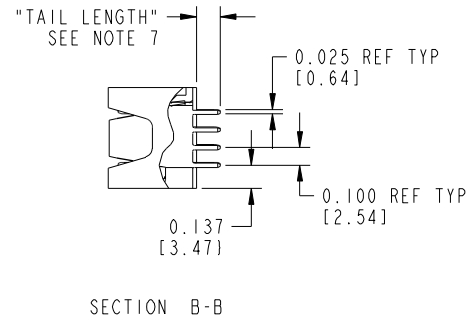
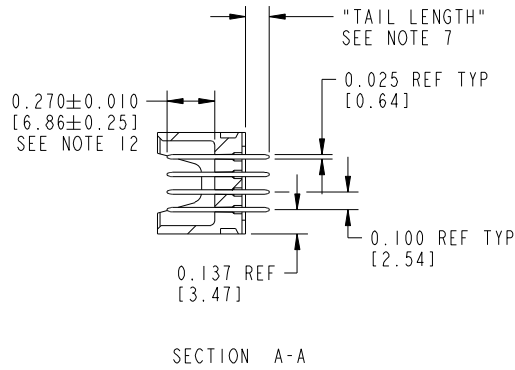
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SEE NOTE 1



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		title	
K				angles	.XXX±.005/0.XX±0.13 .XXX±.0020/.XXX±.051	projection		VERTICAL HEADER w/o GUIDE PIN SIGNAL / POWER	
				dr	0°±2°	 MIM		product family	
				enr	JR W 10-16-01	scale		PWRBLADE	
				chr	J. ALLISON 10-16-01	1:1		code	
				appd	J. ALLISON 10-16-01	size		213	
sheet index		revision sheet				A		51705	
								sheet	
								3	

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