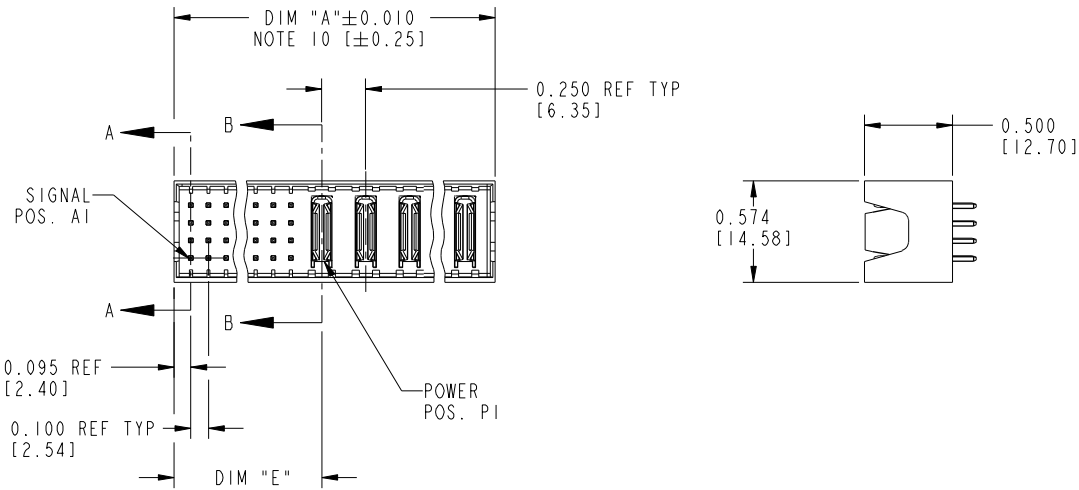
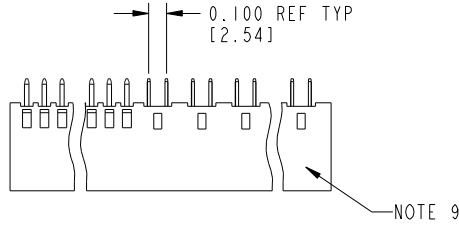


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PRODUCT NUMBER
51705-A00CCDDE0_
SEE NOTE 1



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				VERTICAL HEADER w/o GUIDE PIN SIGNAL / POWER		
H	V21104	TAB	09-30-02		0°±2°				product family		code
J	DG05-0471	CS	11/16/05	dr	JRW	10-16-01	scale		PWRBLADE		213
K	DG08-0239	JC	09/11/08	enrg	J.ALLISON	10-16-01	1:1		size		sheet
				chr	J.ALLISON	10-16-01			dwg no		1 of 3
				appd	J.ALLISON	10-16-01			51705		
sheet index	revision sheet	K	K	K							
		1	2	3							

cage code 22526

Pro/E

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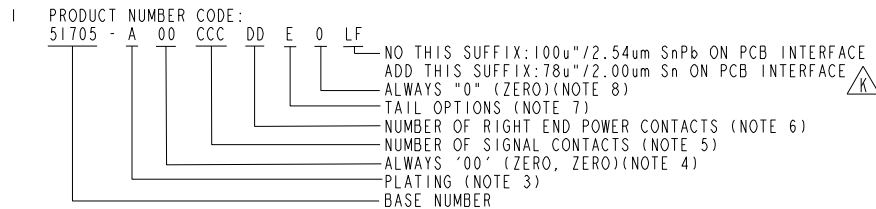


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PRODUCT NUMBER
51705-A00CCDDE0_
SEE NOTE 1

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:
1 = 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. $\varnothing 0.0453 \pm 0.0010$ [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 $\varnothing 0.040 \pm 0.003$ [1.02 ± 0.07] HOLE.
18. FOR PRESS FIT APPLICATION USE FCI CAM TOOL 43169-XXX.
19. A 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		www.fciconnect.com	
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3		COPY			title	
K					.XXX±.005/0.XX±0.13		projection			VERTICAL HEADER w/o GUIDE PIN SIGNAL / POWER	
				angles	.XXX±.0020/.XXX±.051				product family		
					0°±2°		scale		PWRBLADE		
				dr	JRW	10-16-01	size		code		
				enrg	J.ALLISON	10-16-01	dwg no		213		
				chr	J.ALLISON	10-16-01	51705		sheet		
				appd	J.ALLISON	10-16-01	A		2		
sheet index		revision sheet									

cage code 22526

1 | 2

Pro/E

3 |

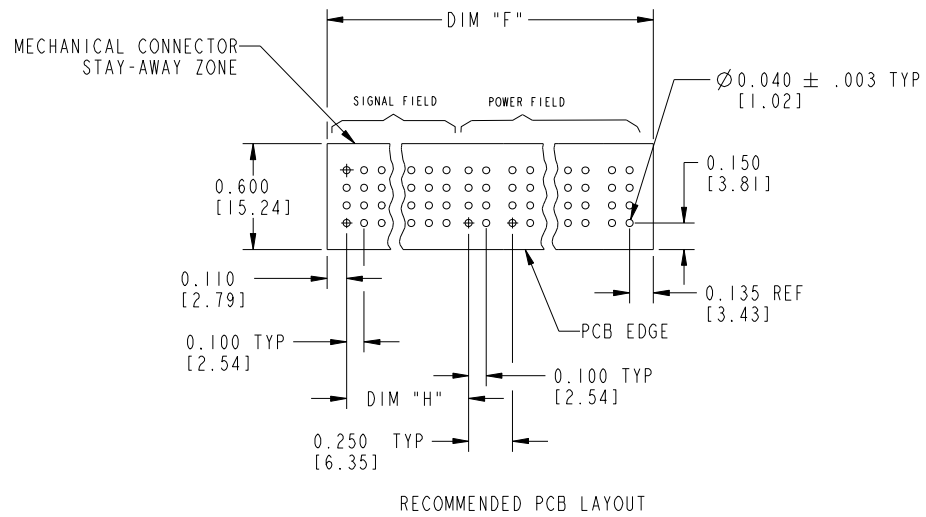
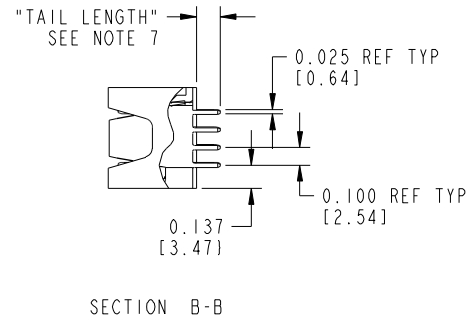
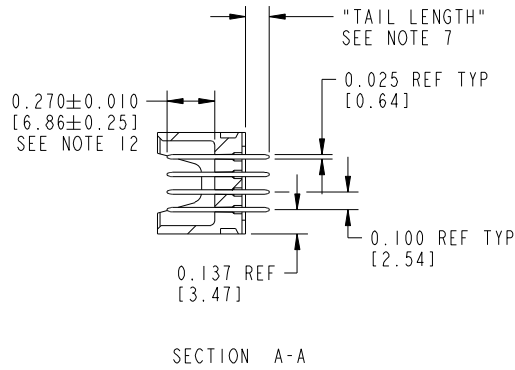
4

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PRODUCT NUMBER
51705-A00CCDDE0_
SEE NOTE 1



mat'l code		NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
K				angles	.XXX±.005/0.XX±0.13 .XXX±.0020/.XXX±.051	projection		title	
				dr	0°±2°	MIM		VERTICAL HEADER w/o GUIDE PIN SIGNAL / POWER	
				enr	JR W 10-16-01	scale		product family	
				chr	J. ALLISON 10-16-01	1:1		PWRBLADE	
				appd	J. ALLISON 10-16-01			code	
sheet index		revision sheet						size	
								dwg no	
								51705	
								sheet	
								3	

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