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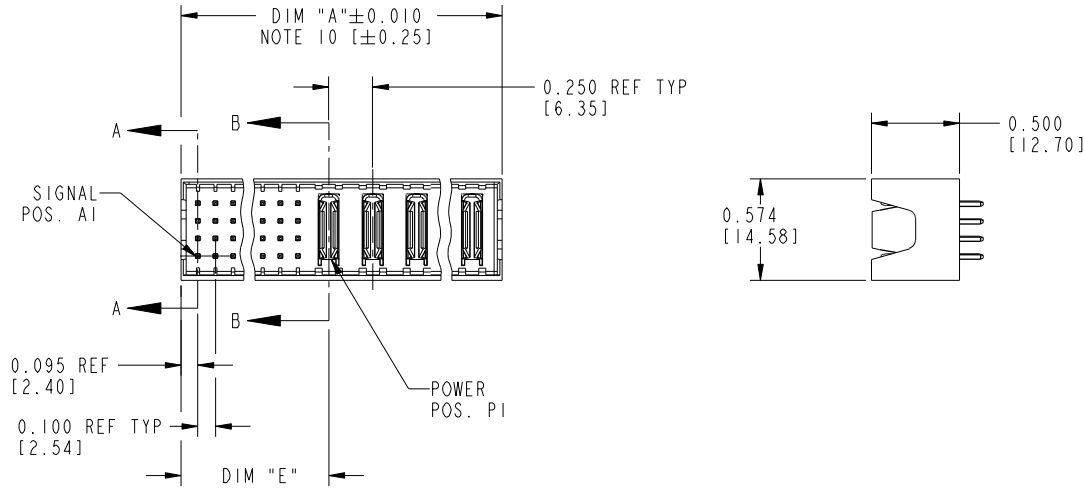
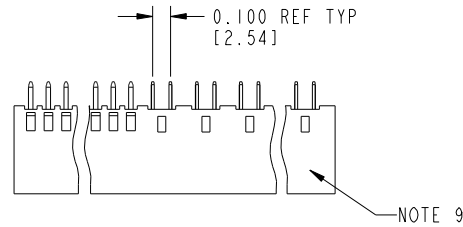
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PRODUCT NUMBER
51705-A00CCCDDE0_
SEE NOTE 1

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

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Pro/E

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cage code 22526

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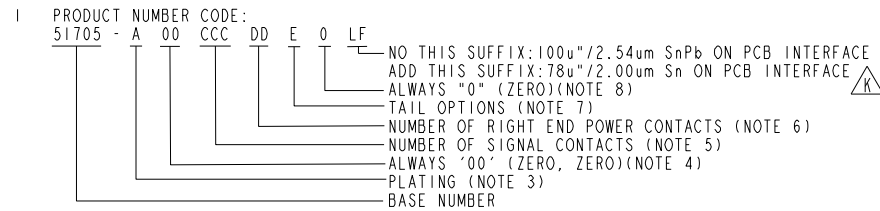
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1 2		3		4	
PRODUCT NUMBER		DIM		LENGTH FORMULAS (SEE NOTE 10)	
51705-A00CCCDDE0_		DIM "A"		.100 [2.54] x (CCC/4) + .250 [6.35] x DD + .090 [2.29] (NOTE 10)	
SEE NOTE 1		DIM "E"		.100 [2.54] x (CCC/4) + .170 [4.32]	
		DIM "F"		.100 [2.54] x (CCC/4) + .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 51705-100CCCDDE0; 51705-100CCCDDE0LF
- 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	ecn no.	dr	date		linear	.XX±.01/0.X±0.3		COPY			title VERTICAL HEADER w/o GUIDE PIN SIGNAL / POWER		
K						.XXX±.005/0.XX±0.13		projection					
						.XXX±.0020/.XX±.051							
				angles		0°±2°				product family PWRBLADE code 213			
				dr		JRW	10-16-01						
				enrg		J. ALLISON	10-16-01						
				chr		J. ALLISON	10-16-01	MM scale 1:1		size A		dwg no 51705 sheet 2	
				appd		J. ALLISON	10-16-01						
sheet index		revision sheet											

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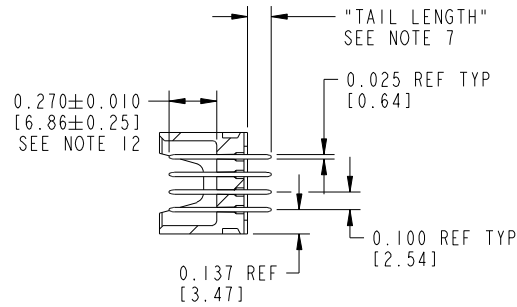
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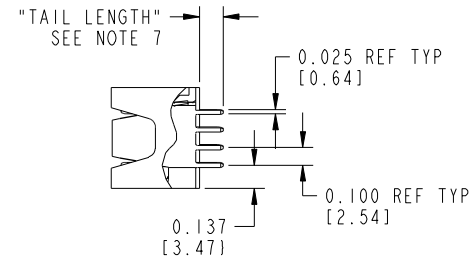


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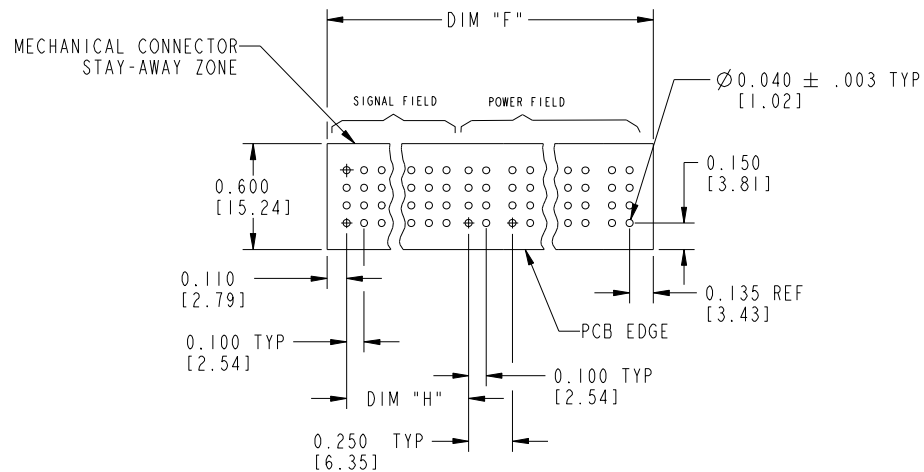
PRODUCT NUMBER
51705-A00CCCDDE0_
SEE NOTE 1



SECTION A-A



SECTION B-B



RECOMMENDED PCB LAYOUT

mat'l code				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/o GUIDE PIN SIGNAL / POWER			
K					.XXX±.005/0.XX±0.13		projection						
					.XXX±.0020/.XXX±.051								
				angles	0°±2°					product family		PWRBLADE	code
				dr	JRW	10-16-01				size	dwg no	51705	213
				enrg	J. ALLISON	10-16-01							
				chr	J. ALLISON	10-16-01							
				appd	J. ALLISON	10-16-01	scale 1:1						sheet 3
sheet index		revision sheet											

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