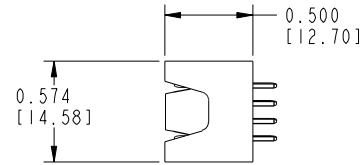
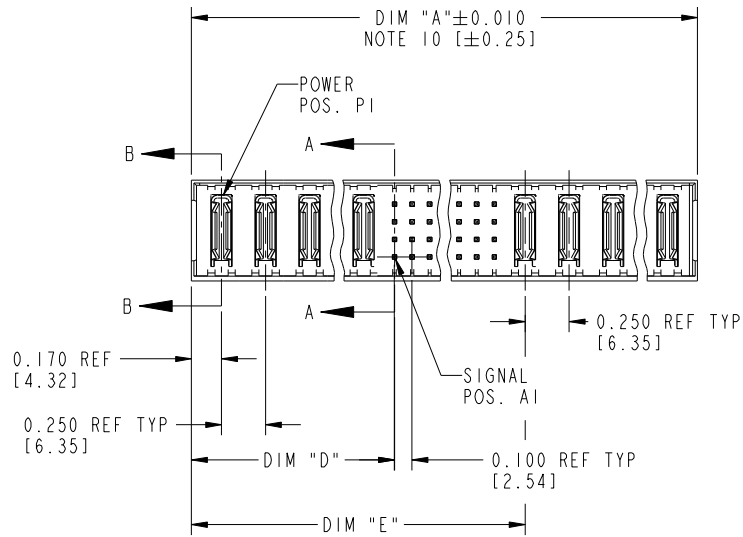
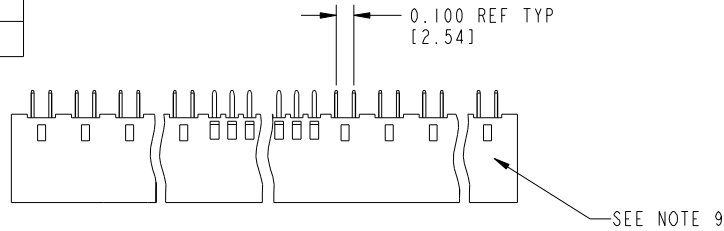


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PRODUCT NUMBER
51704-ABBCCDDE0...
SEE NOTE 1



mal'ti code				NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX \pm .01/0.X \pm 0.3		COPY		 title VERTICAL HEADER w/o GUIDE PIN POWER / SIGNAL / POWER		
K	DG06-0011	CS	01/13/06		.XXX \pm .005/0.XX \pm 0.13		projection				
L	DG08-0239	JC	09/11/08		.XXX \pm .0020/.XXX \pm .051		 INCH/MM				
				angles	0° \pm 2°		scale		product family PWRBLADE code		
				dr	JRW	10-16-01	1:1		size		213
				enr	J.ALLISON	10-16-01	A		dwg no		sheet
				chr	J.ALLISON	10-16-01			51704		1 of 4
				appd	J.ALLISON	10-16-01					
sheet index	revision sheet	L	L	L	L				cage code		4
		1	2	3	4				22526		

Pro/E

cage code 22526

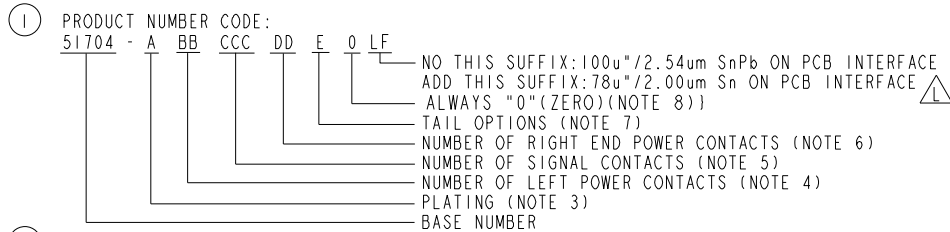
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PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 10)
51704-ABBCCDDE0..	DIM "A"	.250 [6.35] x BB + .100 [2.54] x (CCC/4) + .250 [6.35] x DD + .090 [2.29] (NOTE 10)
SEE NOTE 1	DIM "D"	.250 [6.35] x BB + .095 [2.41]
	DIM "E"	.250 [6.35] x BB + .100 [2.54] x (CCC/4) + .170 [4.32]
	DIM "F"	.250 [6.35] x BB + .100 [2.54] x (CCC/4) + .250 [6.35] x DD + .120 [3.05]
	DIM "G"	.250 [6.35] x BB - .025 [1.64]
	DIM "H"	.250 [6.35] x BB + .100 [2.54] x (CCC/4)

CONNECTOR NOTES



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: I
 I = SEE PRINT 10064183 FOR PLATING SPEC OF 51704-IBBCCDDE0; 51704-IBBCCDDE0LF

- ④ LEFT END POWER CONTACTS, 01 TO 19 AVAILABLE.
 MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.
- ⑤ SIGNAL CONTACT, 004 TO 148 AVAILABLE.
- ⑥ RIGHT END POWER CONTACTS, 01 - 19 AVAILABLE.
 MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.
- 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

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		title	
L					.XXX±.005/0.XX±0.13	INCH/MM				VERTICAL HEADER w/o GUIDE PIN POWER / SIGNAL / POWER	
				angles	.XXX±.0020/.XXX±.051	scale		product family		code	
				dr	0°±2°	1:1		PWRBLADE		213	
				enr	JR W 10-16-01	A		size		sheet	
				chr	J. ALLISON 05-11-99			dwg no		2	
				appd	J. ALLISON 10-16-01			51704			
sheet index	revision sheet										

1 | 2

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PRODUCT NUMBER
51704-ABBCCCDDE0_
SEE NOTE 1

- 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 430169-XXX.
- 19. A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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mat'l code		SEE NOTES		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY			
L				angles	.XXX±.005/0.XX±0.13	INCH/MM		title VERTICAL HEADER w/o GUIDE PIN POWER / SIGNAL / POWER	
				dr	.XXX±.0020/.XXX±.051	scale		product family PWRBLADE code 213 size dwg no 51704 sheet 3	
				enr	0°±2°	1:1		appd J.ALLISON 10-16-01	
				chr	JRw 10-16-01				
				appd	J.ALLISON 05-11-99				
					J.ALLISON 10-16-01				
sheet index	revision sheet								

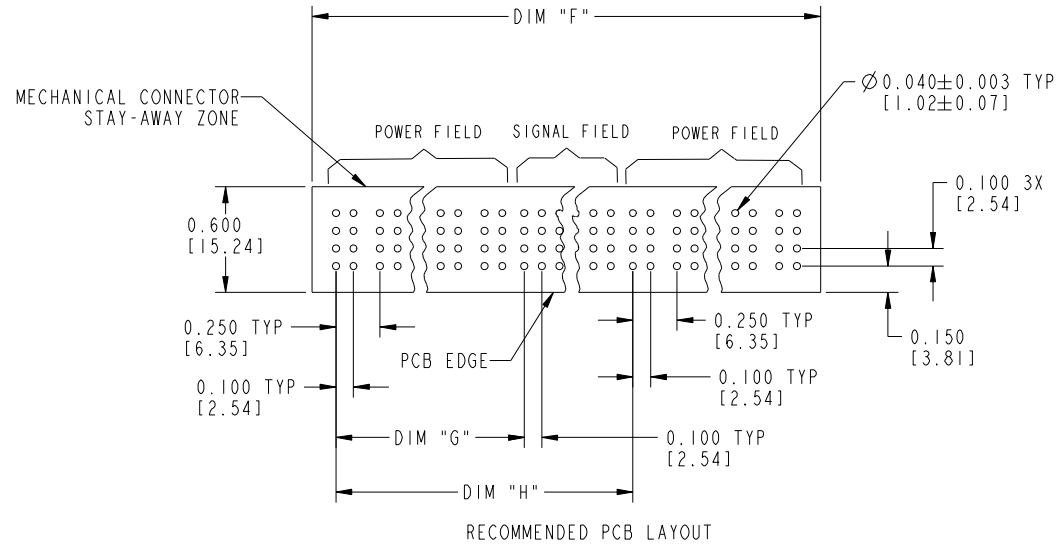
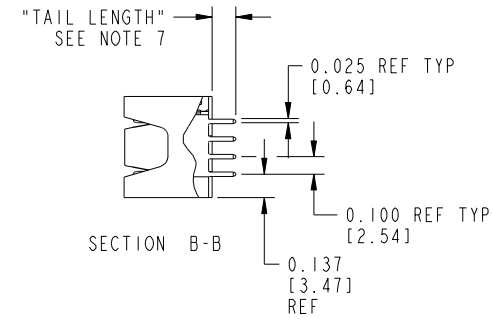
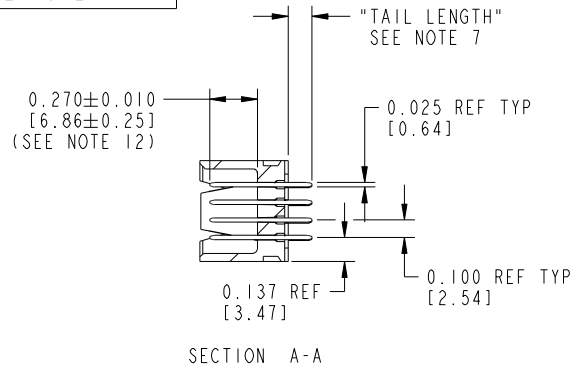
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PRODUCT NUMBER
51704-ABBCCDDE0..
SEE NOTE 1



mal't code		NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
L				linear	.XXX±.005/0.XX±0.13	projection		title VERTICAL HEADER w/o GUIDE PIN POWER / SIGNAL / POWER	
				angles	.XXX±.0020/.XXX±.051	INCH/MM		product family PWRBLADE code 213	
				dr	JRW 10-16-01	scale 1:1		size dwg no 51704 sheet 4	
				enr	J. ALLISON 10-16-01				
				chr	J. ALLISON 10-16-01				
				appd	J. ALLISON 10-16-01				
sheet index	revision sheet								

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