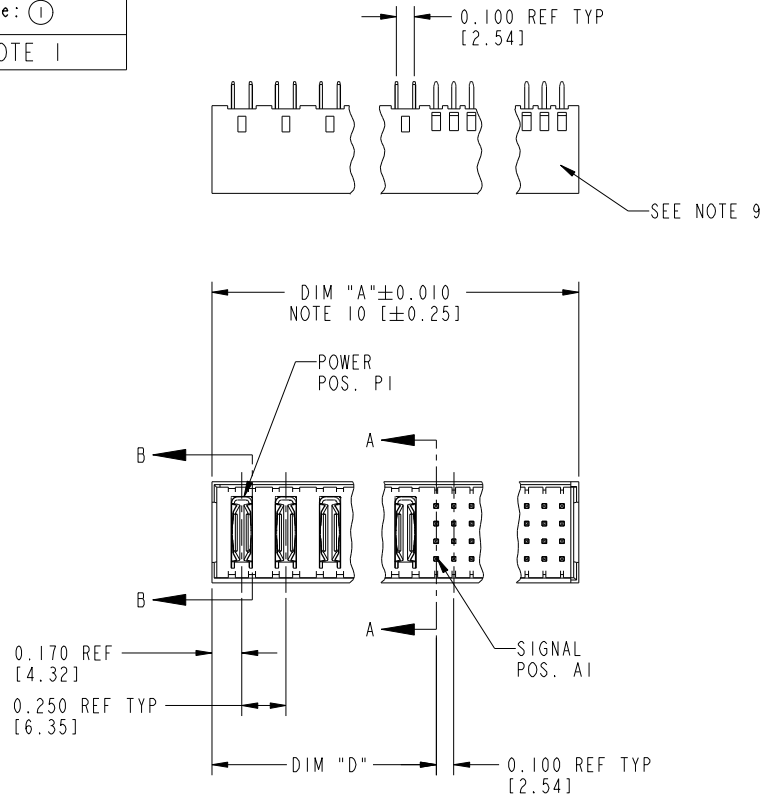


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PRODUCT NUMBER
51706-ABBCCC00E0----
Note: ①
SEE NOTE 1



mat'l code				NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date					COPY		projection		title	
J	DG05-0132	SJ	05/31/05	linear		.XX $\pm$.01/0.X $\pm$ 0.3						VERTICAL HEADER w/o GUIDE PIN	
K	DG05-0471	CS	11/16/05			.XXX $\pm$.005/0.XX $\pm$ 0.13						POWER / SIGNAL	
L	DG08-0284	SH	10/13/08	angles		.XXX $\pm$.0020/.XXX $\pm$.051							
						0° $\pm$ 2°							
				dr	JRW	10-16-01						product family	PWRBLADE
				enr	J. ALLISON	10-16-01						size	213
				chr	J. ALLISON	10-16-01						dwg no	51706
				appd	J. ALLISON	10-16-01						sheet	1 of 3
sheet index	revision sheet	L	L	L									
		1	2	3									

Pro/E

cage code 22526

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PRODUCT NUMBER
51706-ABBCCC00E0----
Note: ①
SEE NOTE 1

1 | 2

3 |

4

DIM	LENGTH FORMULAS (SEE NOTE 10)
DIM "A"	.250 [6.35] x BB + .100 [2.54] x (CCC/4) + .090 [2.29] (NOTE 10)
DIM "D"	.250 [6.35] x BB + .095 [2.41]
DIM "F"	.250 [6.35] x BB + .100 [2.54] x (CCC/4) + .120 [3.05]
DIM "G"	.250 [6.35] x BB + .225 [5.72] - .025 [1.064]

CONNECTOR NOTES

- ① PRODUCT NUMBER CODE:
51706 - A BB CCC 00 E 0 LF
NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE
ADD THIS SUFFIX: 78u"/2.00um Sn ON PCB INTERFACE 
ALWAYS "0" (ZERO) (NOTE 8)
TAIL OPTIONS (NOTE 7)
ALWAYS "00" (ZERO, ZERO) (NOTE 6)
NUMBER OF SIGNAL CONTACTS (NOTE 5)
NUMBER OF LEFT POWER CONTACTS (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 51706-1BBCCC00E0 AND 51706-1BBCCC00E0LF

- ④ LEFT END POWER CONTACTS, 01 TO 20 AVAILABLE.

- ⑤ SIGNAL CONTACT, 004 TO 148 AVAILABLE.

- ⑥ THIS PART NOT AVAILABLE WITH
RIGHT SIDE POWER CONTACTS.

- 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 430169-XXX.

19. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW,
OR NOTE WHICH HAS BEEN MODIFIED WITH CURRENT
DRAWING VERSION.

NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	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	
				angles	.XXX±.0020/.XX±.051			product family PWRBLADE code 213	
				dr	JRW 10-16-01	scale	1:1	size 51706 sheet 2	
				enrg	J.ALLISON 10-16-01				
				chr	J.ALLISON 10-16-01				
				appd	J.ALLISON 10-16-01				
sheet index	revision sheet								

1 | 2

Pro/E

3 |

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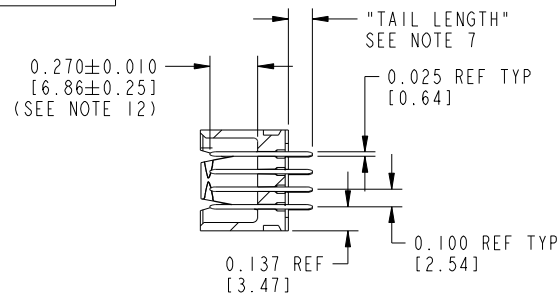
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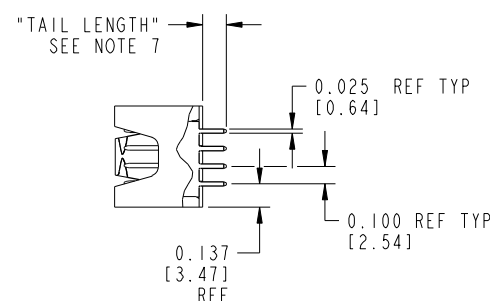


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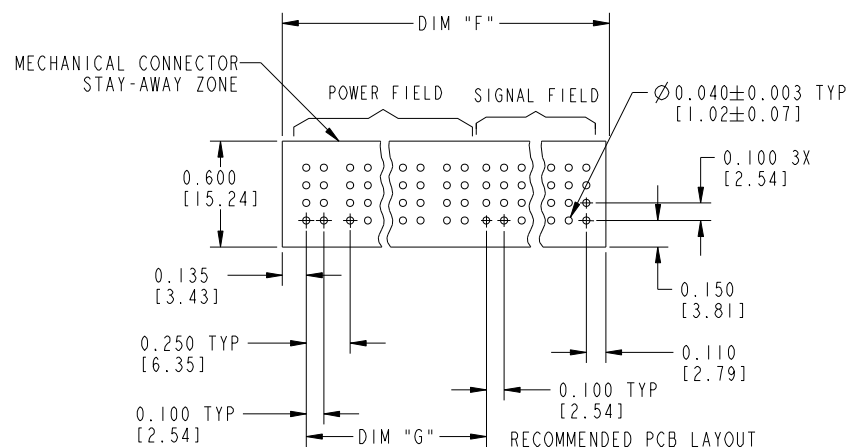
PRODUCT NUMBER
51706-ABBCCC00E0----
Note: ①
SEE NOTE 1



SECTION A-A



SECTION B-B



mat'l code				NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date			.XX±.01/0.X±0.3		COPY		www.fciconnect.com	
L						.XXX±.005/0.XX±0.13		projection		title VERTICAL HEADER w/o GUIDE PIN POWER / SIGNAL	
						.XXX±.0020/.XX±.051					
						angles	0°±2°			product family	PWRBLADE
					dr	JRW	10-16-01	scale		size	dwg no
					enrg	J. ALLISON	10-16-01	1:1		A	51706
					chr	J. ALLISON	10-16-01			code	
					appd	J. ALLISON	10-16-01			213	
sheet index		revision sheet								3	

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