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PRODUCT NUMBER
51724-ABBCCDDE0- Note: ①
SEE NOTE 1

DIM	LENGTH FORMULAS (SEE NOTE 10)
DIM "A"	.250 [6.35] x BB + .100 [2.54] x (CCC/4) + .250 [6.35] x DD + .090 [2.29] (NOTE 10)
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 [0.64]
DIM "H"	.250 [6.35] x BB + .100 [2.54] x (CCC/4)

CONNECTOR NOTES

① PRODUCT NUMBER CODE:

51724 - A BB CCC DD E 0 LF

NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE
ADD THIS SUFFIX: 78u"/2.00um Sn OR 5u" Au ON PCB INTERFACE
ALWAYS '0' (ZERO) (NOTE 8)
TAIL LENGTH (NOTE 7)
NUMBER OF RIGHT END POWER CONTACTS (NOTE 6)
NUMBER OF SIGNAL CONTACTS (NOTE 5)
NUMBER OF LEFT END POWER CONTACTS (NOTE 4)
PLATING (NOTE 3)
BASE NUMBER

- ② HOUSING MATERIAL: GLASS FILLED V-O HIGH TEMP THERMO PLASTIC.
SIGNAL CONTACT MATERIAL: PHOS BRONZE
POWER CONTACT MATERIAL: COPPER ALLOY

③ PLATING OPTION:

1 = SIGNAL CONTACTS: 50u" / 1.27um Ni UNDER ALL; 30u" / 0.76um Au ON THE CONTACT AREA
AND WITH 100u"/2.54um SnPb OR 78u"/2.00um Sn ON PCB INTERFACE
POWER CONTACTS: 50u" / 1.27um Ni UNDER ALL; WITH 30u" / 76um Au ON CONTACT AREA
AND WITH 100u"/2.54um SnPb OR 78u"/2.00um Sn ON PCB INTERFACE

3 = SIGNAL CONTACTS: 50u" / 1.27um Ni UNDER ALL; 30u" / 0.76um Au ON THE CONTACT AREA
AND WITH 5u"/0.13um Au ON PCB INTERFACE
POWER CONTACTS: 50u" / 1.27um Ni UNDER ALL; WITH 30u" / 76um Au ON CONTACT AREA
AND WITH 5u"/0.13um Au ON PCB INTERFACE

- ④ LEFT END POWER CONTACTS, 01 THRU 19 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.
- ⑤ SIGNAL CONTACTS, 004 TO 148 AVAILABLE.
- ⑥ RIGHT END POWER CONTACTS, 01 TO 19 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.
- ⑦ TAIL OPTIONS:
A = .135 [3.43] SOLDER TO BOARD

- 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. REFERENCE 51697 FOR SPECIALS WORKSHEET

PCB NOTES:

13. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
14. ALL THROUGH HOLES ARE LOCATED WITH A
TRUE POSITION OF .004[0.10]
15. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
16. $\varnothing 0.0453 \pm .001$ [1.151 ± 0.02] DRILLED HOLES PLATED WITH
0.0003 [0.007] MIN SnPb OVER 0.001 [1.03] TO .003 [0.08]
PLATING TO ACHIEVE A .040 $\pm .003$ [1.02 ± 08] HOLE.

mat'l code				tolerances unless otherwise specified		CUSTOMER COPY		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX $\pm$.01/.XX $\pm$.3	projection 		title RIGHT ANGLE HEADER w/o GUIDE PIN POWER / SIGNAL / POWER	product family PWRBLADE
L					.XXX $\pm$.005/.XX $\pm$.13				
					.XXX $\pm$.0020/.XXX $\pm$.051				
				angles	0° $\pm$ 2°	INCH / MM scale 3:16		size A	dwg no 51724
				dr	C. BAROT 05-04-99				
				enrg	J. BROWN 05-04-99				
				chr	J. BROWN 05-04-99				
				appd	J. BROWN 05-04-99	SHEET 2			
sheet index	revision sheet								

form no. 7530-001-103

cage code 22526

PDM: Rev:L

STATUS: Released

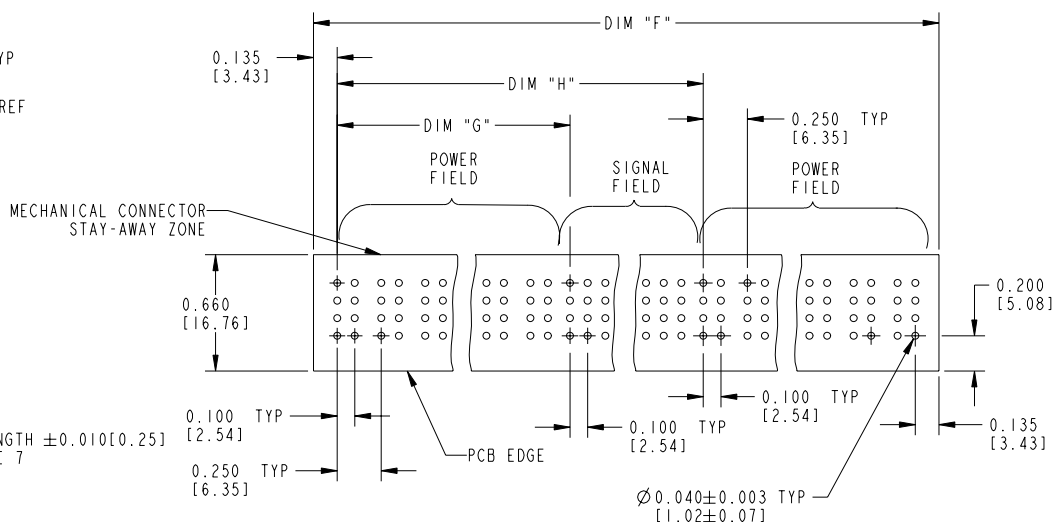
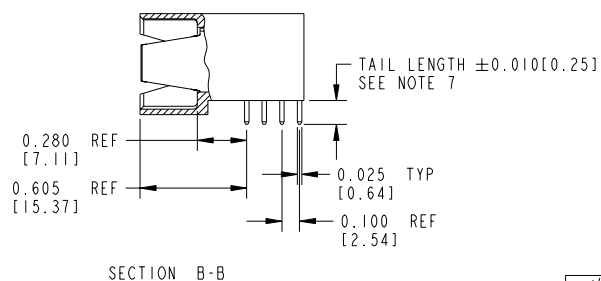
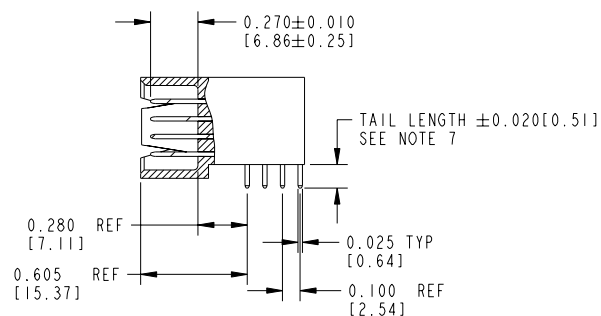
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51724 - ABBCCDDE0_
Note: ①
SEE NOTE 1



mat'l code				tolerances unless otherwise specified		CUSTOMER COPY		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/.XX±.3	projection	1:1	title	RIGHT ANGLE HEADER w/o GUIDE PIN
L				linear	.XXX±.005/.XX±.13	1:1		POWER / SIGNAL / POWER	
				angles	.XXX±.0020/.XXX±.051			product family	PWRBLADE
				dr	D. BOGLE 05-13-99			size	213
				enr	J. BROWN 05-13-99			dwg no	51724
				chr	J. BROWN 05-13-99				SHEET 3
				appd	J. BROWN 05-13-99				
sheet index	revision sheet								

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