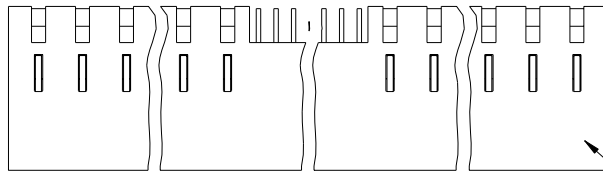


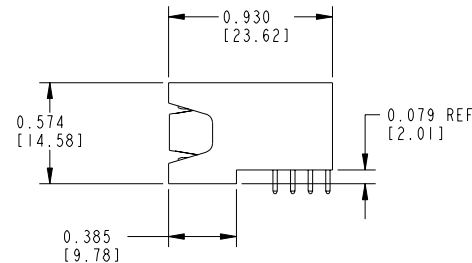
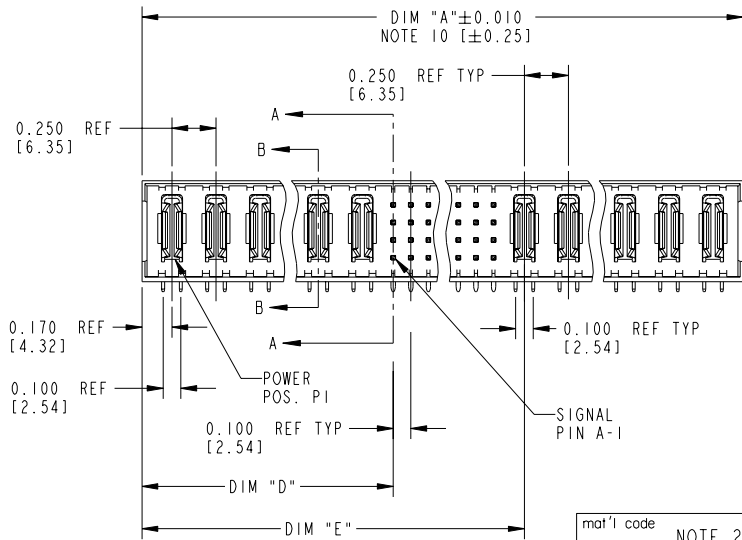
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PRODUCT NUMBER
51724- ABBCCDDE0_
Note: ①
SEE NOTE 1



SEE NOTE 9



mat'l code				NOTE 2		tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection			title		
K	DG05-0132	SJ	05/31/05		.xxx±.005/.xx±.13		RIGHT ANGLE HEADER w/o GUIDE PIN				
L	DG06-0011	CS	01/13/06		.xxx±.0020/.xxx±.051		POWER / SIGNAL / POWER				
				angles	0°±2°	INCH / MM	product family		PWRBLADE		code
				dr	D. BOGLE 05-13-99	scale	A		51724		213
				enr	J. BROWN 05-13-99	1:1	size		dwg no		SHEET
				chr	J. BROWN 05-13-99						1 OF 3
				appd	J. BROWN 05-13-99						
sheet index	revision sheet	L	L	L							
		1	2	3							

form no. 7530-001-103

cage code 22526

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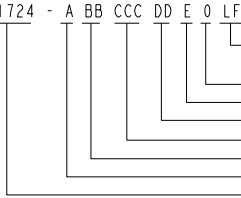
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PRODUCT NUMBER
51724-ABBBCCDDE0_- Note: ①
SEE NOTE 1

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

- 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

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

PCB NOTES:

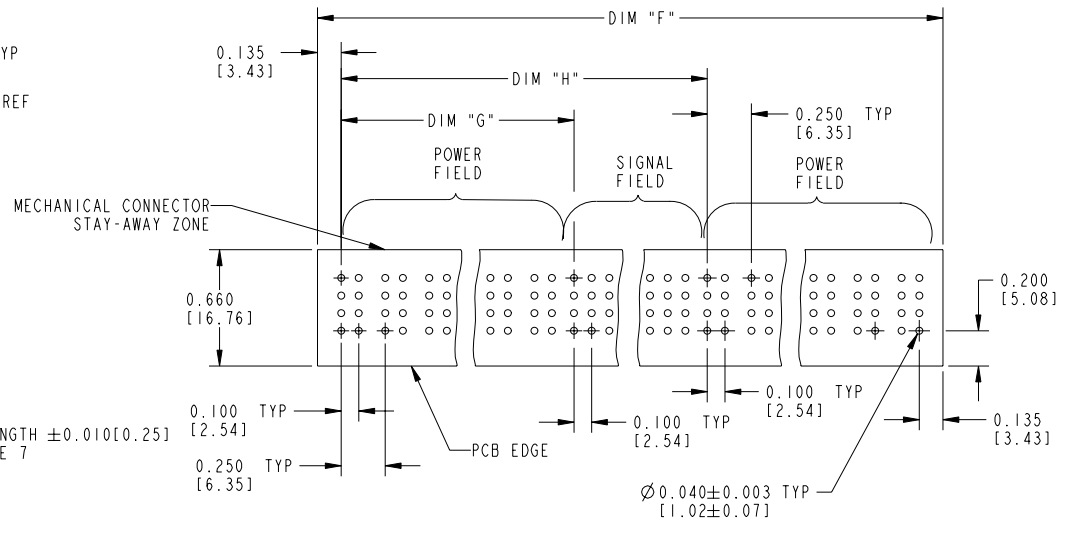
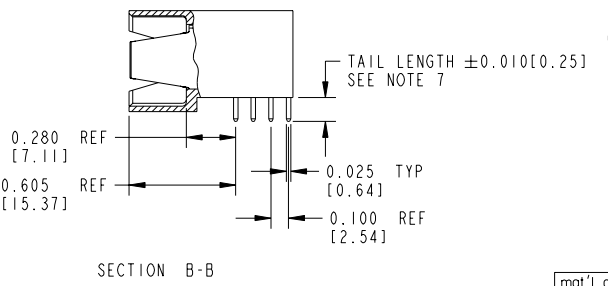
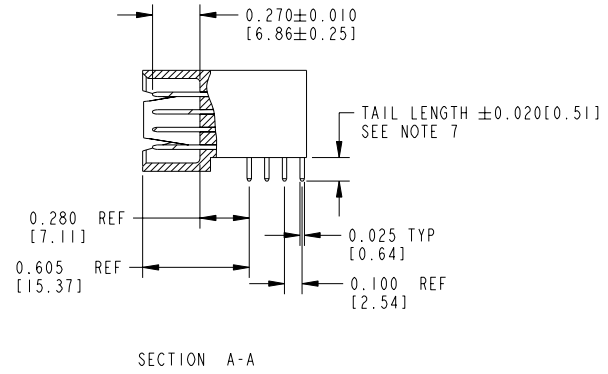
- 13. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
- 14. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004[0.10]
- 15. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- 16. $\varnothing 0.0453 \pm .001$ [1.151 ± 0.02] DRILLED HOLES PLATED WITH 0.0003 [0.007] MIN SnPb OVER 0.001 [1.03] TO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

mat'l code				tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/.XX±.3	projection		title	RIGHT ANGLE HEADER w/o GUIDE PIN POWER / SIGNAL / POWER
L				linear	.XXX±.005/.XX±.13			product family	PWRBLADE
				angles	.XXX±.0020/.XXX±.051			code	213
				dr	0°±2°	INCH / MM		size	51724
				enr	C.BAROT 05-04-99	scale	3:16	dwg no	
				chr	J. BROWN 05-04-99			SHEET	2
				appd	J. BROWN 05-04-99				
sheet index	revision sheet							cage code	22526

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PRODUCT NUMBER
51724 - ABBCCDDE0_ _
Note: ①
SEE NOTE 1



mat'l code				tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/.XX±.3	projection		title	
L					.XXX±.005/.XX±.13			RIGHT ANGLE HEADER w/o GUIDE PIN POWER / SIGNAL / POWER	
				angles	.XXX±.0020/.XXX±.051	INCH / MM	product family	PWRBLADE	code
				dr	0° ± 2°	scale	size	dwg no	213
				enr	D. BOGLE 05-13-99	1:1	51724	SHEET	3
				chr	J. BROWN 05-13-99				
				appd	J. BROWN 05-13-99				
sheet index	revision sheet								