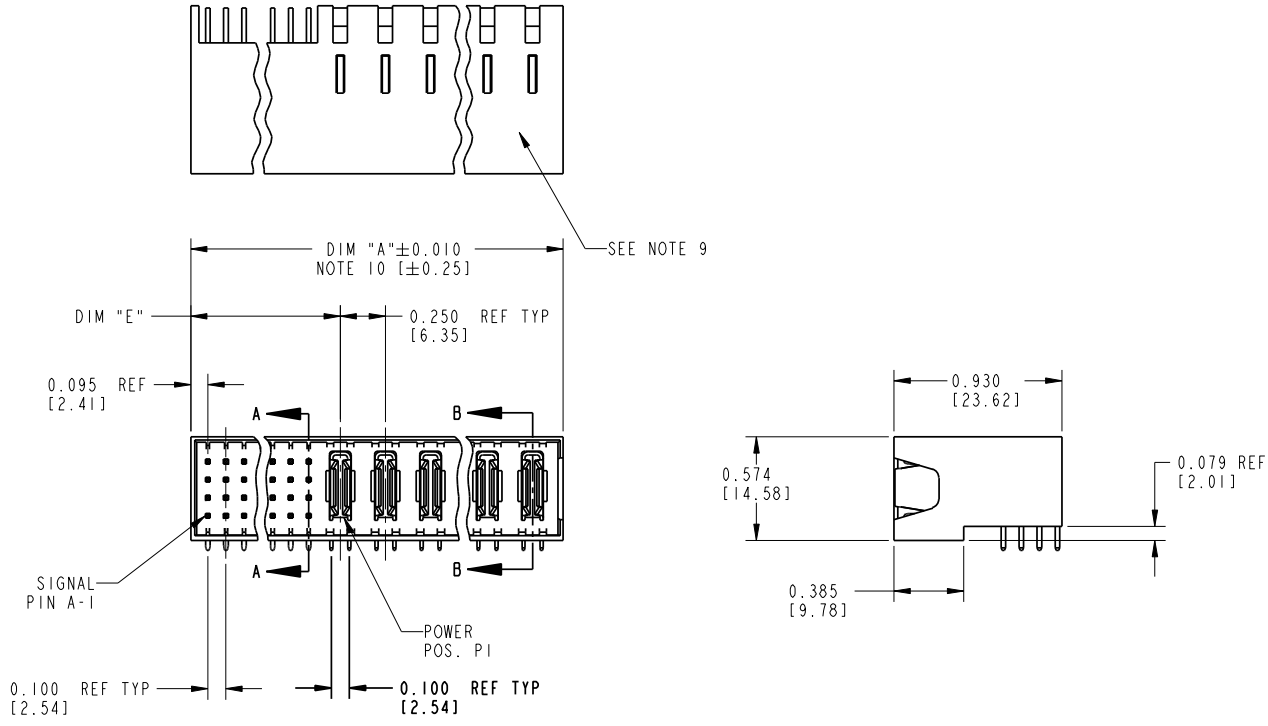


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PRODUCT NUMBER
51725 - A00CCDDDE0..
SEE NOTE 1



mat'l code				NOTE 2		tolerances unless otherwise specified		CUSTOMER COPY		www.fciconnect.com	
lir	ecn no.	dr	date	linear	.XX±.01/.X±.3		projection		title RIGHT ANGLE HEADER w/o GUIDE PIN SIGNAL / POWER		
J	DG06-0011	CS	01/13/06		.XXX±.005/.XX±.13		INCH / MM		product family		code
K	DG07-0044	RYAN	01/29/07	angles	.XXX±.0020/.XXX±.051		scale		PwrBlade		
					0°±2°		1:1		size		213
				dr	D. BOGLE	05-12-99			dwg no		SHEET 1 OF 3
				engr	J. BROWN	05-12-99			51725		
				chr	J. BROWN	05-12-99					
				appd	J. BROWN	05-12-99					
sheet index	revision sheet	K	K	K							
		1	2	3							

form no. 7530-001-103

cage code 22526

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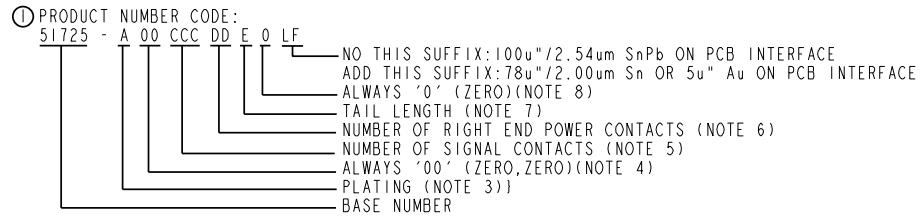


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PRODUCT NUMBER
51725 - A00CCDDDE0..
SEE NOTE 1

DIM	LENGTH FORMULAS (SEE NOTE 10)
DIM "A"	.100 [2.54] x (CCC/4) + .250 [6.35] x DD + .090 [2.29] (NOTE 10)
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) + .025 [0.64]

CONNECTOR NOTES



- ① PRODUCT NUMBER CODE:
51725 - A 00 CCC DD E 0 LF
- 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 THIS PART NOT AVAILABLE WITH LEFT SIDE POWER CONTACTS.
- ⑤ SIGNAL CONTACTS, 004 TO 148 AVAILABLE.
- ⑥ RIGHT END POWER CONTACTS, 01 TO 20 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.
- ⑦ TAIL LENGTH:
A = .135 ±.020 [3.43 ±0.50] 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 SPECIAL 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. Ø0.0453 ±.001 [1.151 ±0.02] DRILLED HOLES PLATED WITH 0.0003 [0.007] MIN SnPb or Sn OVER 0.001 [1.03] TO .003 [0.08] Cu PLATING TO ACHIEVE A .040±.003 [1.02±08] HOLE.

mat'l code				tolerances unless otherwise specified		CUSTOMER COPY		www.fciconnect.com	
lfr	ecr no.	dr	date	linear	.XX±.01/.X±.3	projection	RIGHT ANGLE HEADER w/o GUIDE PIN SIGNAL / POWER		
K				angles	.XXX±.005/.XX±.13		product family PwrBlade code 213		
				dr	.XXX±.0020/.XXX±.051	INCH / MM	size 51725 SHEET 2		
				enrg	D. BOGLE 05-12-99	scale 5:16	dwg no		
				chr	J. BROWN 05-12-99	A	51725		
				appd	J. BROWN 05-12-99		cage code 22526		
sheet index	revision sheet								

form no. 7530-001-103

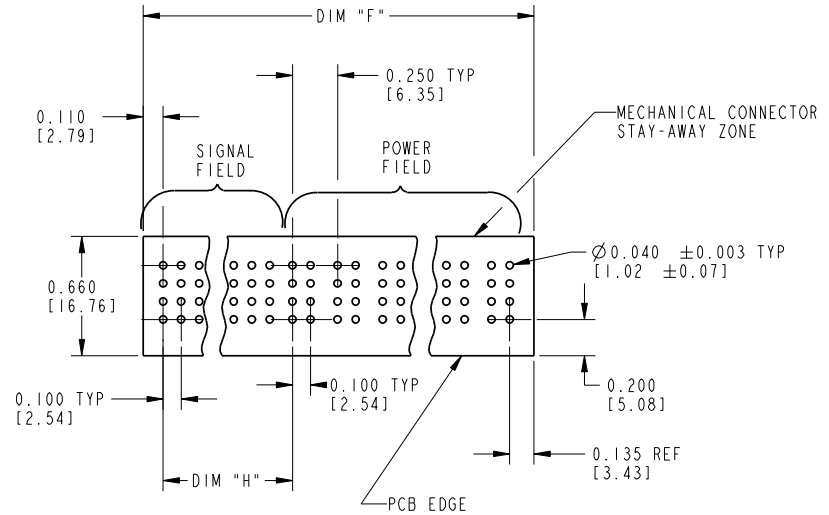
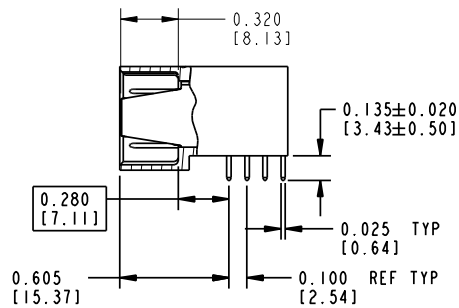
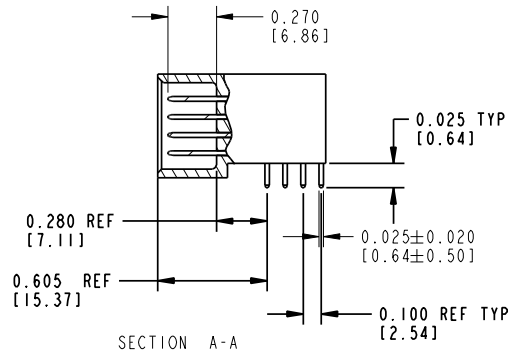
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PRODUCT NUMBER

51725 - A00CCDDE0..



mat'l code				tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com		
lfr	ecr no.	dr	date	linear	.XX±.01/.X±.3	projection		title RIGHT ANGLE HEADER w/o GUIDE PIN SIGNAL / POWER		
K				angles	.XXX±.005/.XX±.13			product family PwrBlade		
				dr	.XXXX±.0020/.XXX±.051	INCH / MM scale 1:1		code 213		
				enrg	0°±2°			size dwg no 51725		
				chr	D. BOGLE 05-13-99			SHEET 3		
				appd	J. BROWN 05-13-99					
sheet index	revision sheet									

form no. 7530-001-I03

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