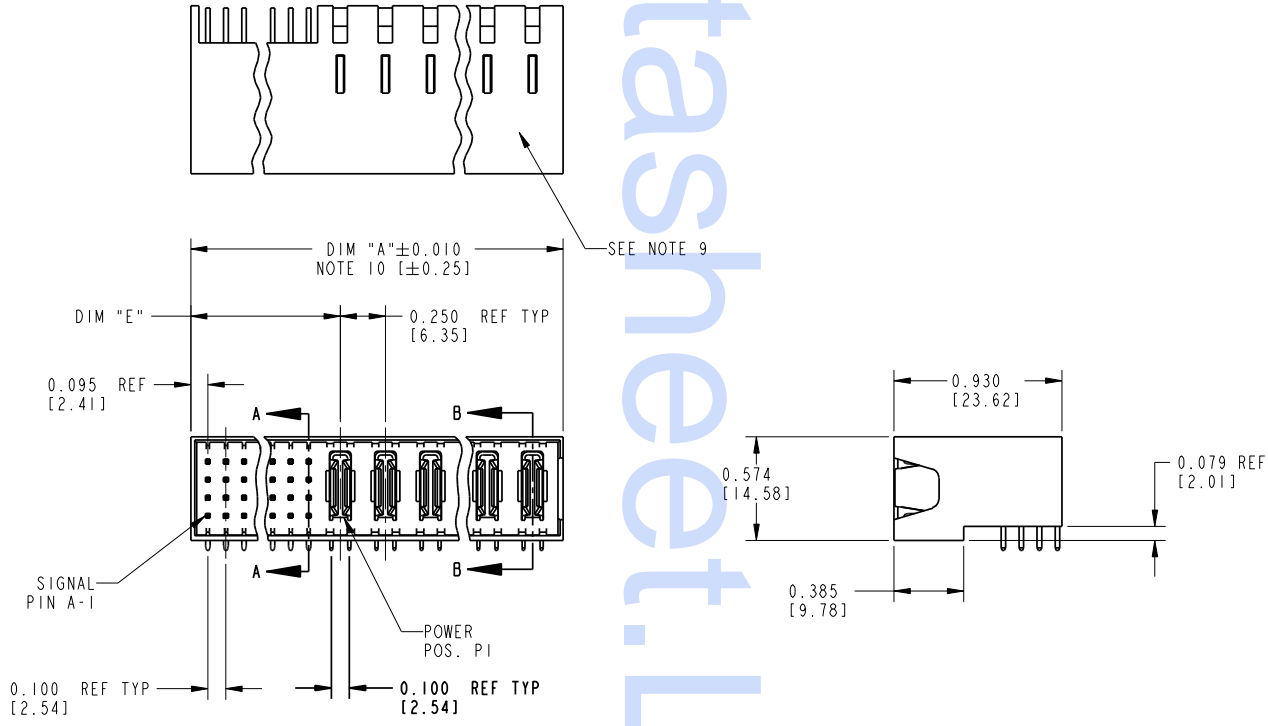


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PRODUCT NUMBER
51725 - A00CCCDDE0..
SEE NOTE 1



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		PwrBlade	code
K	DG07-0044	RYAN	01/29/07	angles	.XXX±.0020/.XXX±.051	scale		size		dwg no	213
				dr	0°±2°	1:1		A		51725	SHEET 1 OF 3
				engr	D. BOGLE 05-12-99						
				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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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
- 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)
 - ALWAYS '00' (ZERO,ZERO)(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 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. $\varnothing 0.0453 \pm .001$ [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 \pm .003 [1.02 \pm .08] HOLE.

- 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 \pm .020 [3.43 \pm 0.50] SOLDER TO BOARD

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

form no. 7530-001-103

cage code 22526

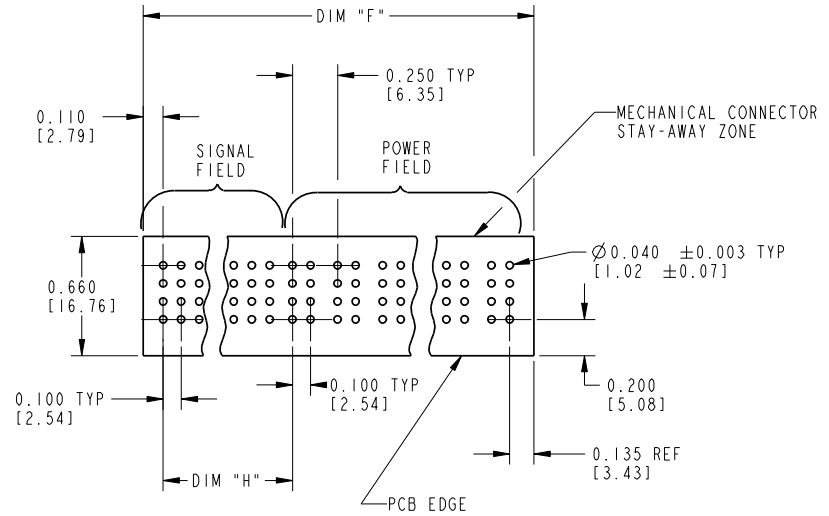
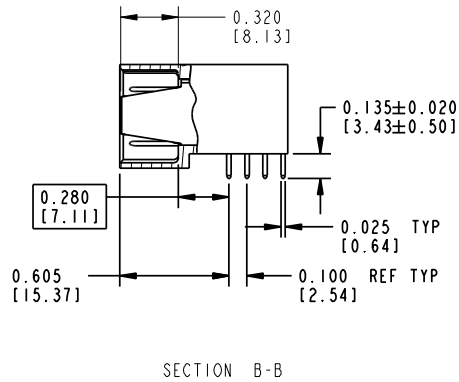
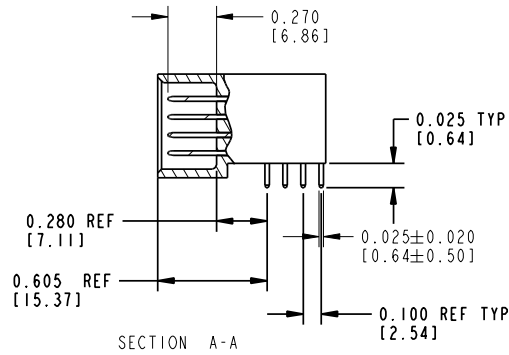
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PRODUCT NUMBER

51725 - A00CCDDE0..



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

form no. 7530-001-I03

cage code 22526