

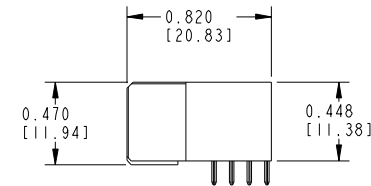
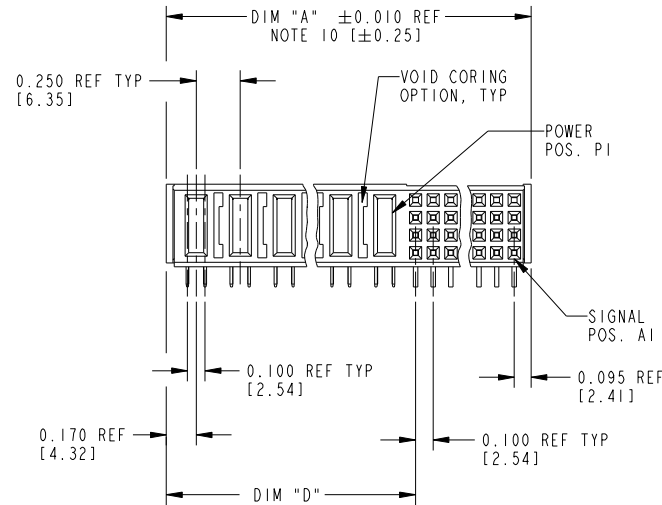
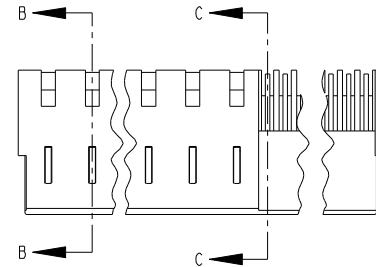
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PRODUCT NUMBER
51765-A00CCDDDE0_
SEE NOTE 1

1 2 3 4



A

B

THIS FILE WAS ORIGINALLY CREATED IN THE PRO ENGINEER ENVIRONMENT AND ANY FUTURE REVISIONS TO THIS FILE MUST BE MADE IN THE PRO ENGINEER ENVIRONMENT

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER COPY				www.fciconnect.com	
litr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection 	INCH / MM  scale 1:1	title RIGHT ANGLE RECEPTACLE w/o GUIDE PIN SIGNAL / POWER		product family PWRBLADE	code 213
J	DG07-0012	JULIA	01/12/07		.XXX±.005/.XX±.13						
K	DG07-0118	RYAN	03/29/07		.XXX±.0020/.XX±.051						
L	DG08-0239	JC	09/11/08	angles	0°±2°	 scale 1:1	product family PWRBLADE	size A	dwg no 51765	SHEET 1 OF 3	
F	V02389	JRW	10-05-00	enr J. BROWN	05-18-99						
G	V21512	TAB	10-04-02	chr J. BROWN	05-18-99						
H	V03-0769	TAB	07-17-03	appd J. BROWN	05-18-99						
sheet index		revision sheet		L	L	L					
				1	2	3					

B

form no. 7530-001-103

1 2

3

cage code 22526

4

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PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 10)
51765-A00CCCDDE0--	DIM "A"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .090 [2.29] (NOTE 10)
SEE NOTE 1	DIM "D"	.250 [6.35] x DD + .095 [2.41]
	DIM "F"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .120 [3.05]
	DIM "G"	.250 [6.35] x DD - .025 [0.64]

CONNECTOR NOTES

① PRODUCT NUMBER CODE:
51765 - A 00 CCC DD E 0 LF

W/O THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE
WITH THIS SUFFIX: 78u"/1.98um Sn ON PCB INTERFACE 
ALWAYS '0' (ZERO) (NOTE 8)
TAIL OPTIONS (NOTE 7)
NUMBER OF LEFT END POWER CONTACTS (NOTE 6)
NUMBER OF SIGNAL CONTACTS (NOTE 5)
ALWAYS '00' (ZERO,ZERO) (NOTE 4)
PLATING (NOTE 3)
BASE NUMBER

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

③ PLATING OPTION:
 = SEE PRINT 10064183 FOR PLATING SPEC OF 51765-100CCCDDE0; 51765-100CCCDDE0LF

④ THIS PART IS NOT AVAILABLE WITH RIGHT SIDE POWER CONTACTS.

⑤ SIGNAL CONTACTS, 004 TO 148 AVAILABLE FOR SOLDER TO BOARD,
020 TO 148 AVAILABLE FOR PRESS-FIT.

⑥ LEFT END POWER CONTACTS, 01 TO 20 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR

⑦ TAIL OPTIONS:
A = .135 ±.010 [3.43 ±0.25] SOLDER TO BOARD
B = .090 +.005 / -.010 [2.29 +0.13 / -0.25]
SOLDER TO BOARD)
C = .154 ±.010 [3.91 ±0.25] PRESS-FIT 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. APPLICATION SPECIFICATION BUS-20-067

PCB NOTES:

13. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.

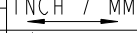
14. ALL THROUGH HOLES ARE LOCATED WITH A
TRUE POSITION OF .004[0.10]

15. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑬ 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.

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

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litr	ecn no.	dr	date	linear	.XX±.01 / .X±.3	projection 	title RIGHT ANGLE RECEPTACLE w/o GUIDE PIN SIGNAL / POWER	product family PWRBLADE	code 213
L					.XXX±.005 / .XX±.13				
					.XXX±.0020 / .XX±.051				
				angles	0° ± 2°	INCH / MM 	scale 1:1	size A	dwg no 51765
				dr	D.BOGLE 05-18-99				
				enrg	J. BROWN 05-18-99				
				chr	J. BROWN 05-18-99	sheet index	revision sheet		
				appd	J. BROWN 05-18-99				

form no. 7530-001-103

1 2

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cage code
22526

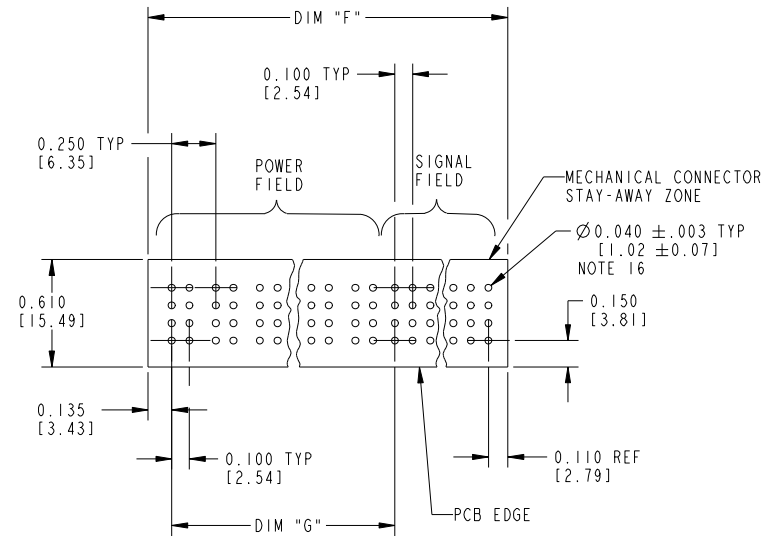
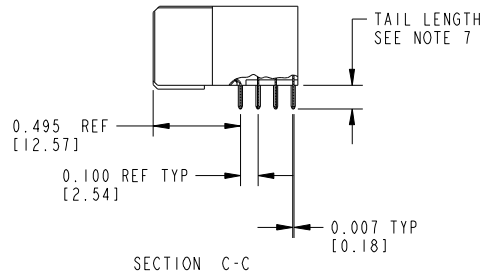
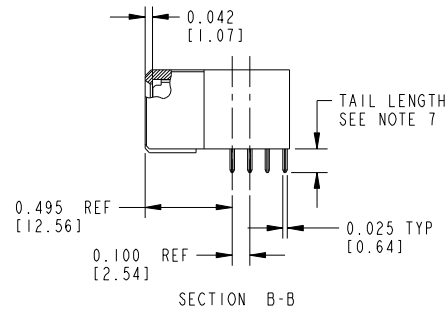
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PRODUCT NUMBER
51765-A00CCCDDE0_
SEE NOTE 1



mat'l code				tolerances unless otherwise specified				CUSTOMER COPY				www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3		projection		title RIGHT ANGLE RECEPTACLE w/GUIDE PIN SIGNAL / POWER				
L					.XXX±.005/.XX±.13								
					.XXX±.0020/.XXX±.051								
				angles	0°±2°		INCH / MM		product family		PWRBLADE	code	
				dr	D.BOGLE	05-18-99			size	dwg no	51765	213	
				enrg	J. BROWN	05-18-99							
				chr	J. BROWN	05-18-99							
				appd	J. BROWN	05-18-99	scale	1:1	A			SHEET 3	
sheet index	revision sheet												

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