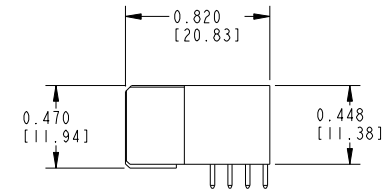
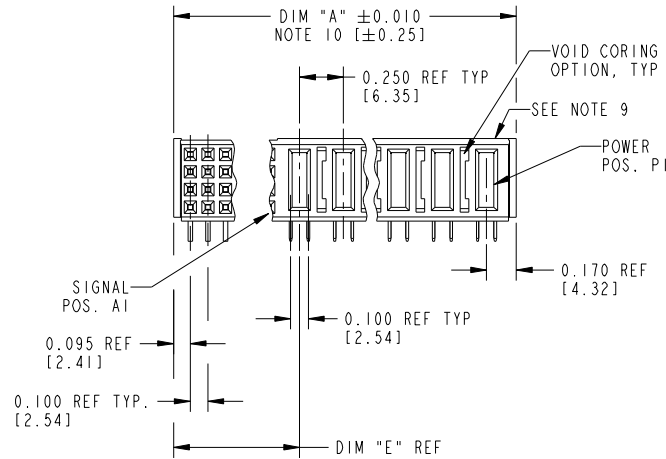
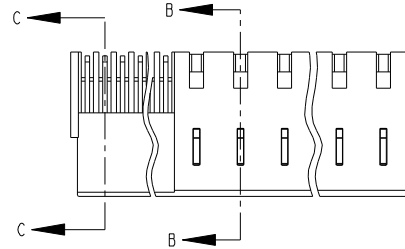


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PRODUCT NUMBER
51766-ABBCCC00E0--
Note: ①



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mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER COPY	FCI www.fciconnect.com		
ltr	ecn no.	dr	date						
J	DG05-0132	SJ	06/02/05	linear	.XX±.01/.X±.3	projection	title RIGHT ANGLE RECEPTACLE w/o GUIDE PIN POWER / SIGNAL		
K	DG05-0175	SJ	06/20/05		.XXX±.005/.XX±.13				
L	DG07-0012	JULIA	01/12/07	angles	0°±2°	INCH / MM	product family	PWRBLADE	code
M	DG07-0118	RYAN	03/29/07	dr	D.BOGLE 05-18-99	scale	size	dwg no	213
N	DG08-0284	SH	10/13/08	enr	J. BROWN 05-18-99	1:1	51766		SHEET 1 OF 3
				chr	J. BROWN 05-18-99				
				appd	J. BROWN 05-18-99				
sheet index	revision sheet	N	N	N					
		1	2	3					

form no. 7530-001-103

cage code 22526

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PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 10)
51766-ABBCC00E0-- Note: ①	DIM "A"	.100 [2.54] x (CCC/4) + .250 [6.35] x BB + .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 BB + .120 [3.05]
	DIM "H"	.100 [2.54] x (CCC/4) + .025 [0.64]

CONNECTOR NOTES

- ① PRODUCT NUMBER CODE:
51766 - A BB CCC 00 E 0 LF
- NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE
ADD THIS SUFFIX: 78u"/2.00um Sn ON PCB INTERFACE ⚠
ALWAYS '0' (ZERO) (NOTE 8)
TAIL OPTIONS (NOTE 7)
ALWAYS '00' (ZERO, ZERO) (NOTE 6)
NUMBER OF SIGNAL CONTACTS (NOTE 5)
NUMBER OF RIGHT POWER CONTACTS (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: ⚠
1: SEE PRINT 10064183 FOR PLATING SPEC OF 51766-IBBCC00E0 & 51766-IBBCC00E0LF.
- ④ RIGHT END POWER CONTACTS, 01 TO 20 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.
- ⑤ SIGNAL CONTACTS, 004 TO 148 AVAILABLE FOR SOLDER TO BOARD,
020 TO 148 AVAILABLE FOR PRESS-FIT.
- ⑥ THIS PART IS NOT AVAILABLE WITH LEFT SIDE
POWER CONTACTS.
- ⑦ TAIL OPTIONS:
A = .135 ±.01 [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.
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 ±0.08] HOLE.
17. A ⚠ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW,
OR NOTE WHICH HAS BEEN MODIFIED WITH CURRENT
DRAWING VERSION.

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ltr	ecn no.	dr	date	linear	.XX±.01 / .X±.3	projection 	title RIGHT ANGLE RECEPTACLE w/o GUIDE PIN POWER / SIGNAL	product family PWRBLADE	code 213
N					.XXX±.005 / .XX±.13				
					.XXX±.0020 / .XX±.051				
				angles	0° ± 2°	INCH / MM 	scale 1:1	size A	dwg no 51766
				dr	D. BOGLE 05-18-99				
				enrg	J. BROWN 05-18-99				
				chr	J. BROWN 05-18-99				SHEET 2
				appd	J. BROWN 05-18-99				
sheet index		revision sheet							

form no. 7530-001-103

1 2

3

cage code
22526

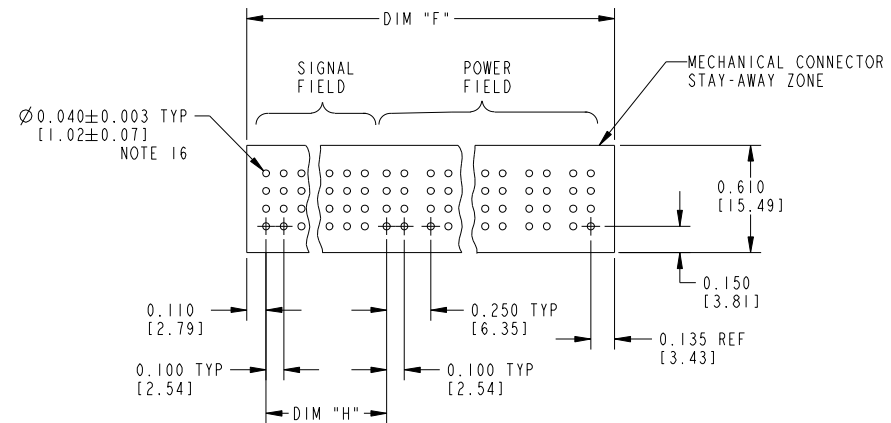
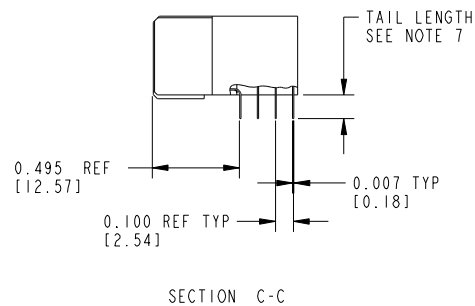
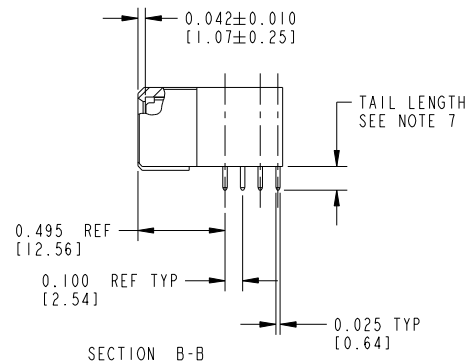
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PRODUCT NUMBER
51766-ABBCCC00E0--
Note: ①



mat'l code				tolerances unless otherwise specified				CUSTOMER COPY				www.fciconnect.com	
ltr	ecr no.	dr	date	linear	.XX±.01 / .X±.3			projection 	title RIGHT ANGLE RECEPTACLE w/o GUIDE PIN POWER / SIGNAL				
N					.XXX±.005 / .XX±.13								
					.XXXX±.0020 / .XXX±.051								
				angles	0°±2°			INCH / MM  scale 1:1	product family		PWRBLADE	code	
				dr	D. BOGLE	05-18-99	size		dwg no	51766	213		
				enrg	J. BROWN	05-18-99				SHEET			
				chr	J. BROWN	05-18-99				3			
				appd	J. BROWN	05-18-99							
sheet index		revision sheet											

form no. 7530-001-103

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