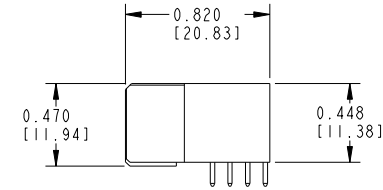
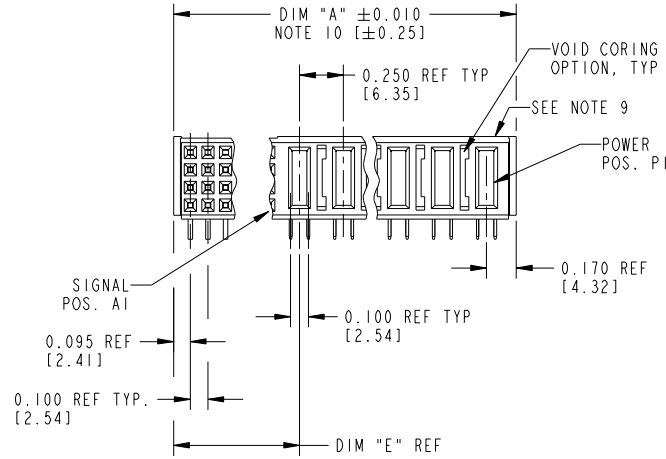
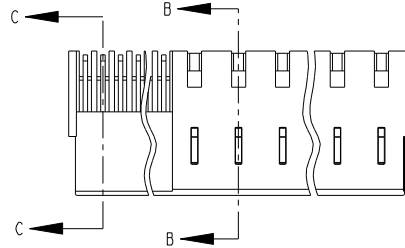


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PRODUCT NUMBER
51766-ABBCC00E0--
Note: ①



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER COPY	FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection 	title RIGHT ANGLE RECEPTACLE w/o GUIDE PIN POWER / SIGNAL	
J	DG05-0132	SJ	06/02/05		.XXX±.005/.XX±.13		INCH / MM 	product family
K	DG05-0175	SJ	06/20/05	angles	.XXX±.0020/.XXX±.051	scale		size
L	DG07-0012	JULIA	01/12/07		0°±2°	1:1	dwg no	213
M	DG07-0118	RYAN	03/29/07	dr	D.BOGLE 05-18-99		51766	SHEET 1 OF 3
N	DG08-0284	SH	10/13/08	enr	J. BROWN 05-18-99			
				chr	J. BROWN 05-18-99			
				appd	J. BROWN 05-18-99			
sheet index	revision sheet	N 1	N 2	N 3				

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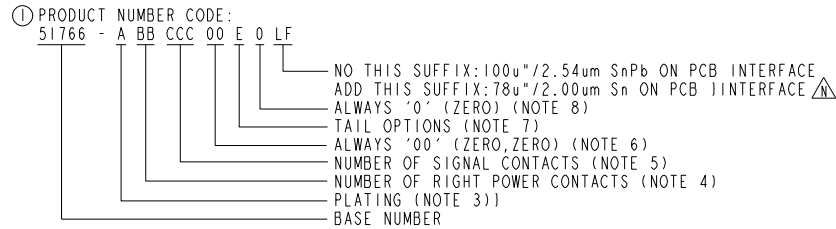


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PRODUCT NUMBER
51766-ABBCC00E0- Note: ①

DIM	LENGTH FORMULAS (SEE NOTE 10)
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



- 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 / -.025]
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. $\varnothing 0.0453 \pm .001$ [1.151 ± 0.02] DRILLED HOLES PLATED WITH
0.003 [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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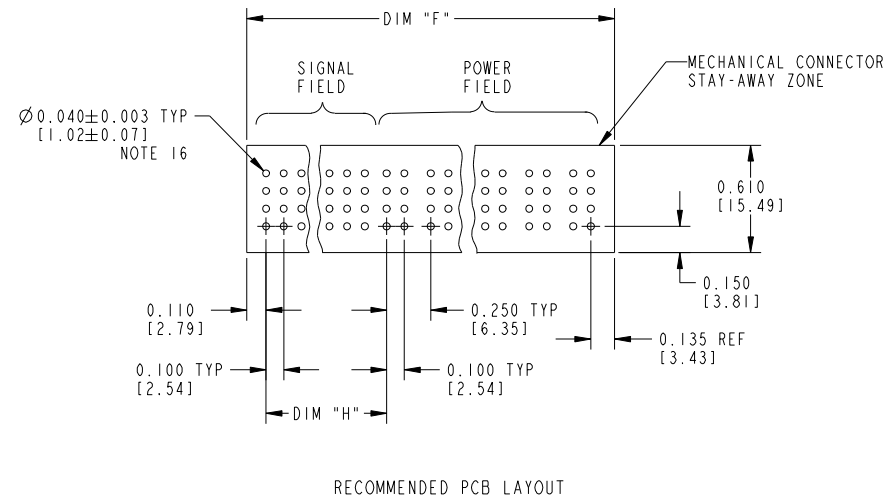
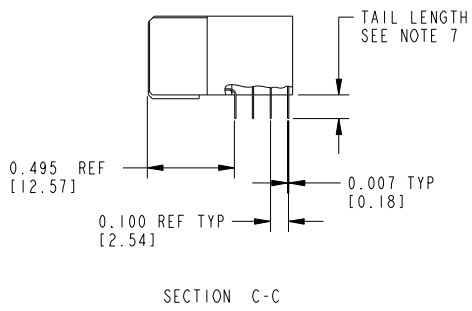
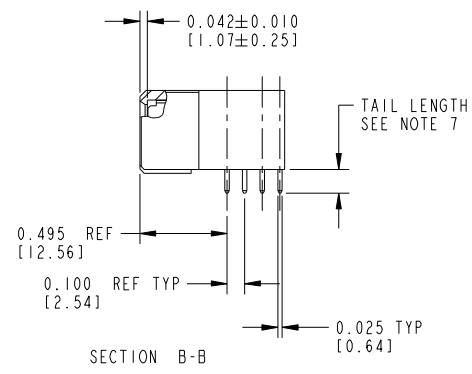
mat'l code				tolerances unless otherwise specified		CUSTOMER COPY		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection	title RIGHT ANGLE RECEPTACLE w/o GUIDE PIN POWER / SIGNAL		
N					.XXX±.005/.XX±.13		product family PWRBLADE code 213		
				angles	.XXX±.0020/.XX±.051	$0^\circ \pm 2^\circ$	size	dwg no	SHEET 2
				dr	D.BOGLE 05-18-99	INCH / MM	51766		
				enr	J. BROWN 05-18-99	scale	A		
				chr	J. BROWN 05-18-99	1:1			
				appd	J. BROWN 05-18-99				
sheet index	revision sheet								

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

form no. 7530-001-103

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