



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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PRODUCT NUMBER
51765-A00CCCDDE0_
SEE NOTE 1

DIM	LENGTH FORMULAS (SEE NOTE 10)
DIM "A"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .090 [2.29] (NOTE 10)
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.
- ⑩ $\varnothing 0.0453 \pm .001$ [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 ± .003 [1.02 ± 0.08] 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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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	
L					.XXX±.005/.XX±.13			RIGHT ANGLE RECEPTACLE w/o GUIDE PIN SIGNAL / POWER	
				angles	.XXX±.0020/.XX±.051		product family	PWRBLADE	code
				dr	0° ± 2°	INCH / MM	size	51765	213
				enrg	D.BOGLE 05-18-99	scale	dwg no	51765	SHEET
				chr	J. BROWN 05-18-99	1:1			2
				appd	J. BROWN 05-18-99				
sheet index	revision sheet								

form no. 7530-001-103

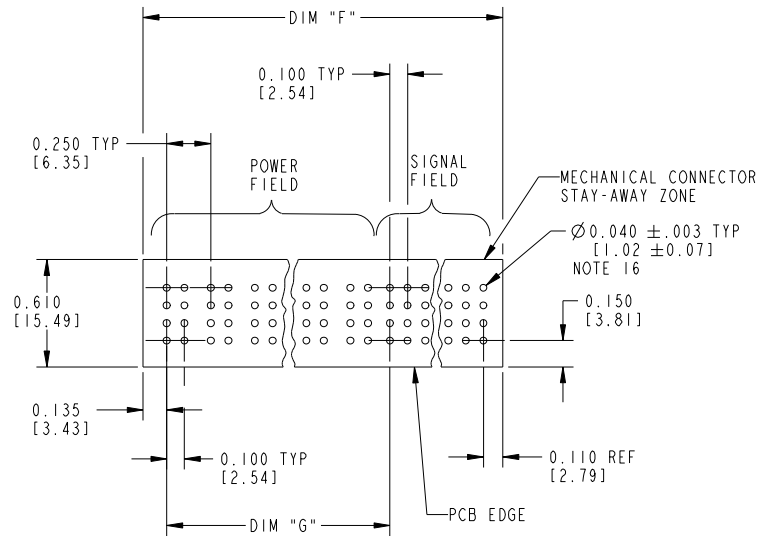
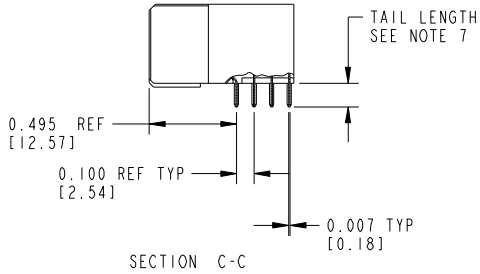
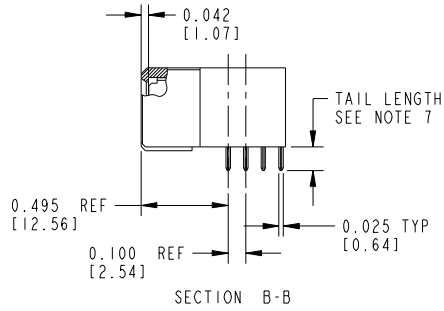
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ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection	 title RIGHT ANGLE RECEPTACLE w/GUIDE PIN SIGNAL / POWER
L				linear	.XXX±.005/.XX±.13	 INCH / MM	
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				dr	0°±2°	1:1	PWRBLADE
				enr	J. BROWN 05-18-99		code
				chr	J. BROWN 05-18-99		213
				appd	J. BROWN 05-18-99		SHEET
							3
sheet index	revision sheet						

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