



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



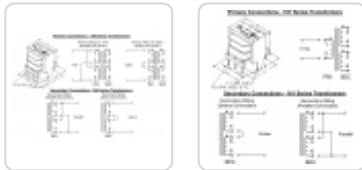
Low Voltage PC Board Mount *160-161 Series*

Low Voltage, P.C. Board Mount Vertical - 115 & 115/230 V Primary

Features



- 20 output voltages to choose from (5 - 120VAC R.M.S.)
- Six VA size models available from - .5 to 24 VA
- Vertical mount, split bobbin design.
- Dual winding secondaries, non-concentricall wound.
- Low primary to secondary coupling - no electrostatic shield required.
- Choice of economical single primary 115V - 60 Hz only (161 series) or the universal dual primary 115/230V - 50/60 Hz (160 series).
- High insulation - Hipot of 2,000V RMS.
- Class B insulation - 130 degrees C.
- CSA certified (File # LR3902) and UL recognized (File #E50394).



Part No	Part No	Size	Secondary (RMS)	
Single Primary	Dual Primary	VA	Series	Parallel
115V	115/230V			
161C10	-	0.5	10V C.T. @ 50ma	5V @ 100ma
161D10	160D10	1	10V C.T. @ 90ma	5V @ 180ma
161FA10	160F10	1.2	10V C.T. @ 120ma	5V @ 240ma
161GA10	160G10	4.4	10V C.T. @ 440ma	5V @ 880ma
161J10	160J10	10	10V C.T. @ 1A	5V @ 2A
161H10	160H10	24	10V C.T. @ 2.4A	5V @ 4.8A
161C12	-	0.5	12.6V C.T. @ 40ma	6.3V @ 80ma
161D12	160D12	1	12.6V C.T. @ 70ma	6.3V @ 140ma
161FA12	160F12	1.2	12.6V C.T. @ 100ma	6.3V @ 200ma
161GA12	160G12	4.4	12.6V C.T. @ 350ma	6.3V @ 700ma
161K12	160K12	10	12.6V C.T. @ 800ma	6.3V @ 1.6A
161H12	160H12	24	12.6V C.T. @ 2A	6.3V @ 4A
161C16	-	0.5	16V C.T. @ 31.3ma	8V @ 62.5ma
161D16	160D16	1	16V C.T. @ 55ma	8V @ 110ma
161EA16	160E16	1.2	16V C.T. @ 75ma	8V @ 150ma
161FA16	160F16	4.4	16V C.T. @ 260ma	8V @ 520ma
161G16	160G16	10	16V C.T. @ 640ma	8V @ 1.28A
161H16	160H16	24	16V C.T. @ 1.5A	8V @ 3A
161D20	160D20	1	20V C.T. @ 45ma	10V @ 90ma
161EA20	160E20	1.2	20V C.T. @ 60ma	10V @ 120ma
161FA20	160F20	4.4	20V C.T. @ 220ma	10V @ 440ma
161G20	160G20	10	20V C.T. @ 500ma	10V @ 1A
161H20	160H20	24	20V C.T. @ 1.2A	10V @ 2.4A
161D24	160D24	1	24V C.T. @ 35ma	12V @ 70ma
161E24	160E24	1.2	24V C.T. @ 50ma	12V @ 100ma
161F24	160F24	4.4	24V C.T. @ 180ma	12V @ 360ma
161G24	160G24	10	24V C.T. @ 450ma	12V @ 900ma
161H24	160H24	24	24V C.T. @ 1A	12V @ 2A
161D28	160D28	1	28V C.T. @ 30ma	14V @ 60ma

Part No	Part No	Size	Secondary (RMS)	
Single Primary	Dual Primary		Series	Parallel
115V	115/230V	VA		
161E28	160E28	1.2	28V C.T. @ 40ma	14V @ 80ma
161F28	160F28	4.4	28V C.T. @ 160ma	14V @ 320ma
161G28	160G28	10	28V C.T. @ 360ma	14V @ 720ma
161H28	160H28	24	28V C.T. @ 800ma	14V @ 1.6A
161D34	160D34	1	34V C.T. @ 25ma	17V @ 50ma
161E34	160E34	1.2	34V C.T. @ 35ma	17V @ 70ma
161F34	160F34	4.4	34V C.T. @ 125ma	17V @ 250ma
161G34	160G34	10	34V C.T. @ 300ma	17V @ 600ma
161H34	160H34	24	34V C.T. @ 700ma	17V @ 1.4A
161D40	160D40	1	40V C.T. @ 20ma	20V @ 40ma
161E40	160E40	1.2	40V C.T. @ 30ma	20V @ 60ma
161F40	160F40	4.4	40V C.T. @ 110ma	20V @ 220ma
161G40	160G40	10	40V C.T. @ 250ma	20V @ 500ma
161H40	160H40	24	40V C.T. @ 600ma	20V @ 1.2A
161D56	160D56	1	56V C.T. @ 15ma	28V @ 30ma
161E56	160E56	1.2	56V C.T. @ 20ma	28V @ 40ma
161F56	160F56	4.4	56V C.T. @ 80ma	28V @ 160ma
161G56	160G56	10	56V C.T. @ 180ma	28V @ 360ma
161H56	160H56	24	56V C.T. @ 420ma	28V @ 840ma
161D120	160D120	1	120V C.T. @ 8ma	60V @ 16ma
161E120	160E120	1.2	120V C.T. @ 10ma	60V @ 20ma
161F120	160F120	4.4	120V C.T. @ 35ma	60V @ 70ma
161G120	160G120	10	120V C.T. @ 85ma	60V @ 170ma
161H120	160H120	24	120V C.T. @ 200ma	60V @ 400ma

Mechanical & Schematic Data (160 Series):

Size (VA)	Overall Dimensions										
	A	B	C	D Thickness	D Width	E	F Thickness	F Width	G	H	J
1	1.00	1.38	0.83	0.02	0.04	1.20	-	-	0.20	N/A	N/A
1.2	1.38	1.19	1.22	0.02	0.04	1.00	-	-	0.20	N/A	N/A
4.4	1.69	1.25	1.45	0.02	0.04	1.10	0.03	0.12	0.25	1.67	0.46
10	1.94	1.44	1.69	0.02	0.04	1.30	0.03	0.19	0.25	1.89	0.57
24	1.63	2.25	1.38	0.02	0.04	2.10	-	-	0.25	N/A	N/A

Mechanical & Schematic Data (161 Series):

Size (VA)	Overall Dimensions										
	A	B	C	D Thickness	D Width	E	F Thickness	F Width	G	H	J
0.50	1.00	0.94	0.84	0.025	0.03	0.78	-	-	0.20	-	-
1.00	1.00	1.38	0.83	0.02	0.04	1.20	-	-	0.20	-	-
1.20	1.38	1.19	1.22	0.02	0.04	1.00	-	-	0.31	-	-
4.40	1.69	1.25	1.45	0.02	0.04	1.10	0.03	0.12	0.40	1.67	0.44
10.00	1.94	1.44	1.69	0.02	0.04	1.30	0.03	0.19	0.40	1.89	0.55
24.00	1.63	2.25	1.38	0.02	0.04	2.10	-	-	0.40	-	-

Data subject to change without notice

