

POWER TRANSFORMERS - Low Voltage, P.C. Mount



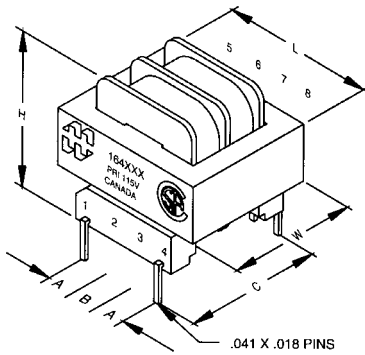
LOW VOLTAGE - P.C. BOARD MOUNT LOW PROFILE

- 20 output voltages to choose from (5 - 120VAC R.M.S.)
- Six VA size models available from - 1.1 to 36VA
- Both series operate on 50/60 Hz current
- Low profile, split bobbin design.
- Dual winding secondaries, non-concentrically wound
- Low primary to secondary coupling - no electrostatic shield required.
- Choice of economical single primary 115V (164 series) or universal dual primary 115/230V (162 series) - either model 50/60 Hz operation.
- One year warranty
- High insulation - Hipot of 2,500V RMS.
- Class B insulation - 130 degrees C.
- No mounting hardware required on 1.1 and 2.4 VA sizes, two hole mounting on 6, 12 and 20VA sizes, four hole mounting on 36VA size (mounting screws not provided). P.C. board mount with industry standard pin spacing.
- CSA certified (# LR3902) and UL recognized (# E50394).

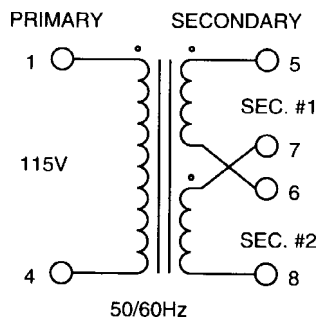
Cat. No. Single Pri. 115V	Cat. No. Dual Pri. 115/230V	Size VA	Secondary (RMS)	
			Series	Parallel
164D10	162D10	1.1	10V C.T. @ .11A	5V @ .22A
164E10	162E10	2.4	10V C.T. @ .25A	5V @ .5A
164F10	162F10	6.0	10V C.T. @ .6A	5V @ 1.2A
164G10	162G10	12.0	10V C.T. @ 1.2A	5V @ 2.4A
164H10	162H10	20.0	10V C.T. @ 2A	5V @ 4.0A
164J10	162J10	36.0	10V C.T. @ 3.6A	5V @ 7.2A
164D12	162D12	1.1	12.6V C.T. @ .09A	6.3V @ .18A
164E12	162E12	2.4	12.6V C.T. @ .2A	6.3V @ .4A
164F12	162F12	6.0	12.6V C.T. @ .5A	6.3V @ 1.0A
164G12	162G12	12.0	12.6V C.T. @ 1.0A	6.3V @ 2.0A
164H12	162H12	20.0	12.6V C.T. @ 1.6A	6.3V @ 3.2A
164J12	162J12	36.0	12.6V C.T. @ 2.85A	6.3V @ 5.7A
164D16	162D16	1.1	16V C.T. @ .07A	8V @ .14A
164E16	162E16	2.4	16V C.T. @ .15A	8V @ .3A
164F16	162F16	6.0	16V C.T. @ .4A	8V @ .8A
164G16	162G16	12.0	16V C.T. @ .8A	8V @ 1.6A
164H16	162H16	20.0	16V C.T. @ 1.25A	8V @ 2.5A
164J16	162J16	36.0	16V C.T. @ 2.25A	8V @ 4.5A
164D20	162D20	1.1	20V C.T. @ .055A	10V @ .11A
164E20	162E20	2.4	20V C.T. @ .12A	10V @ .24A
164F20	162F20	6.0	20V C.T. @ .3A	10V @ .6A
164G20	162G20	12.0	20V C.T. @ .6A	10V @ 1.2A
164H20	162H20	20.0	20V C.T. @ 1A	10V @ 2.0A
164J20	162J20	36.0	20V C.T. @ 1.8A	10V @ 3.6A
164D24	162D24	1.1	24V C.T. @ .045A	12V @ .09A
164E24	162E24	2.4	24V C.T. @ .1A	12V @ .2A
164F24	162F24	6.0	24V C.T. @ .25A	12V @ .5A
164G24	162G24	12.0	24V C.T. @ .5A	12V @ 1.0A
164H24	162H24	20.0	24V C.T. @ .8A	12V @ 1.6A
164J24	162J24	36.0	24V C.T. @ 1.5A	12V @ 3.0A
164D28	162D28	1.1	28V C.T. @ .04A	14V @ .08A
164E28	162E28	2.4	28V C.T. @ .085A	14V @ .17A
164F28	162F28	6.0	28V C.T. @ .2A	14V @ .4A
164G28	162G28	12.0	28V C.T. @ .42A	14V @ .84A
164H28	162H28	20.0	28V C.T. @ .7A	14V @ 1.4A
164J28	162J28	36.0	28V C.T. @ 1.3A	14V @ 2.6A
164D36	162D36	1.1	36V C.T. @ .03A	18V @ .06A
164E36	162E36	2.4	36V C.T. @ .065A	18V @ .13A
164F36	162F36	6.0	36V C.T. @ .17A	18V @ .34A
164G36	162G36	12.0	36V C.T. @ .35A	18V @ .7A
164H36	162H36	20.0	36V C.T. @ .55A	18V @ 1.1A
164J36	162J36	36.0	36V C.T. @ 1A	18V @ 2.0A
164D48	162D48	1.1	48V C.T. @ .023A	24V @ .046A
164E48	162E48	2.4	48V C.T. @ .05A	24V @ .1A
164F48	162F48	6.0	48V C.T. @ .125A	24V @ .25A
164G48	162G48	12.0	48V C.T. @ .25A	24V @ .5A
164H48	162H48	20.0	48V C.T. @ .4A	24V @ .8A
164J48	162J48	36.0	48V C.T. @ .75A	24V @ 1.5A
164D56	162D56	1.1	56V C.T. @ .02A	28V @ .04A
164E56	162E56	2.4	56V C.T. @ .045A	28V @ .09A
164F56	162F56	6.0	56V C.T. @ .11A	28V @ .22A
164G56	162G56	12.0	56V C.T. @ .22A	28V @ .44A
164H56	162H56	20.0	56V C.T. @ .35A	28V @ .7A
164J56	162J56	36.0	56V C.T. @ .65A	28V @ 1.3A
164D120	162D120	1.1	120V C.T. @ .01A	60V @ .02A
164E120	162E120	2.4	120V C.T. @ .02A	60V @ .04A
164F120	162F120	6.0	120V C.T. @ .05A	60V @ .1A
164G120	162G120	12.0	120V C.T. @ .1A	60V @ .2A
164H120	162H120	20.0	120V C.T. @ .16A	60V @ .32A
164J120	162J120	36.0	120V C.T. @ .3A	60V @ .6A

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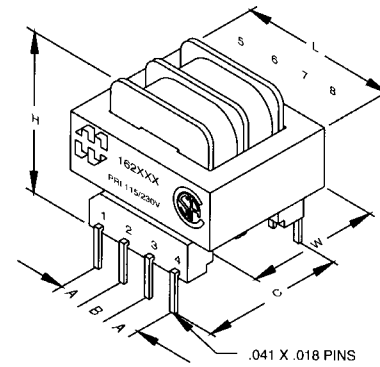
Single Primary - 164 Series



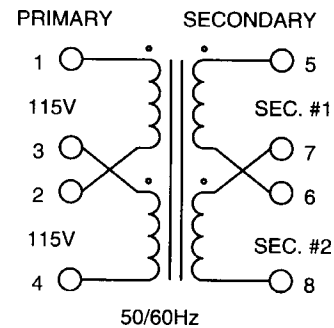
Single Primary - 164 Series Schematic



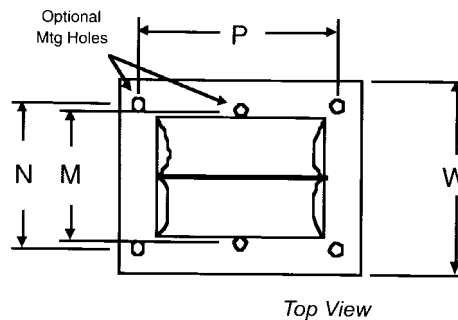
Dual Primary - 162 Series



Dual Primary - 162 Series Schematic



164 & 162 Series - Common Mounting Hole Drawing (6, 12, 20 & 36 VA units)



164 & 162 Series Common Dimension Table

(VA)												
Size	L	W	H	A	B	C	M	N	P	Mtg. Screw	lbs.	
1.1	1 3/8	1 1/8	1 5/16	0.25	0.2	1.2	--	--	--	--	0.17	
2.4	1 3/8	1 1/8	1 3/16	0.25	0.2	1.2	--	--	--	--	0.25	
6	1 5/8	1 5/16	1 5/16	0.25	0.3	1.28	1 1/16	--	--	#4	0.44	
12	1 7/8	1 9/16	1 7/16	0.3	0.4	1.41	1 1/4	--	--	#4	0.7	
20	2 1/4	1 7/8	1 7/16	0.3	0.4	1.6	1 1/2	--	--	#4	0.8	
36	2 5/8	2 3/16	1 9/16	0.4	0.4	1.85	--	1 3/4	2 3/16	#6	1.1	



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