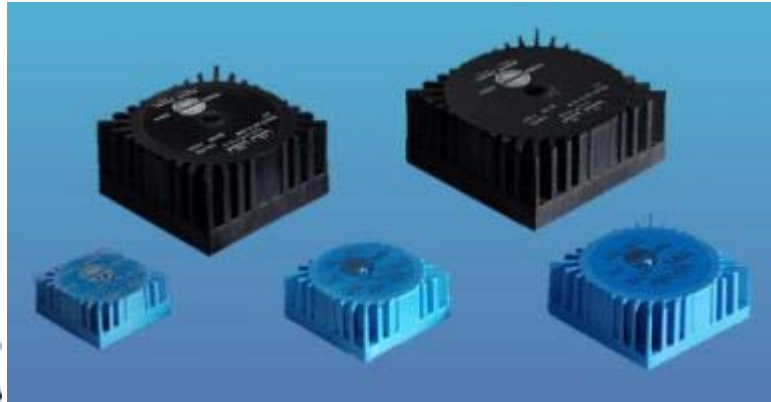
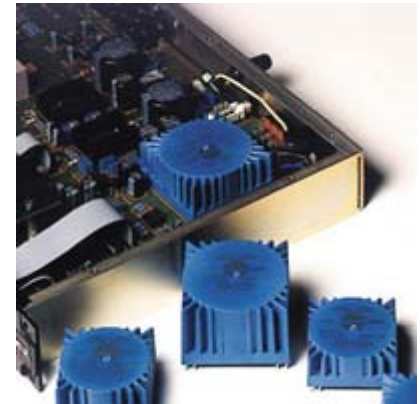


## Power Transformers - PCB Mounting - 2x115V Primary



High quality low profile encapsulated toroidal transformers with two 115V, 50/60Hz primary windings suitable for connection in series to 230V supply, or parallel to 115V supply. Twin secondary windings may be connected in series or parallel or used independently.

- **Very Small size and low weight compared with traditional stacked lamination types.**
- **Extremely low level of radiated magnetic field**
- **Very low induced noise (hum)**
- **Very low iron loss.**
- **100% electrical and flash tested**
- **High quality manufacturing and testing in accordance to EN61558, EN60742, EN60950, EN60065, VDE0551, VDE0550 and BS415**
- **UL Recognised to UL506, under family approval file E215495**



**Series 7000K - Two 115V primary windings for series or parallel connections.**

<b>Power VA</b>	<b>Part Number</b>	<b>Sec-Full Load Voltage</b>	<b>Current mA</b>	<b>Open Circuit Voltage</b>
1.6	70000	2x7	114	2x9.3
	70001	2x9	89	2x12.0
	70002	2x12	67	2x16.0
	70003	2x15	53	2x20.0
	70004	2x18	44	2x23.9
	70005	2x22	36	2x29.3
3.2	70010	2x7	229	2x10.1
	70011	2x9	178	2x13.0
	70012	2x12	133	2x17.3
	70013	2x15	107	2x21.6
	70014	2x18	89	2x25.9
	70015	2x22	73	2x31.7
5.0	70020	2x7	357	2x10.3
	70021	2x9	278	2x13.2
	70022	2x12	208	2x17.6
	70023	2x15	167	2x22.1
	70024	2x18	139	2x26.5
	70025	2x22	114	2x32.3
7.0	70030	2x7	500	2x9.5
	70031	2x9	389	2x12.5
	70032	2x12	292	2x16.2
	70033	2x15	233	2x20.3
	70034	2x18	194	2x24.3
	70035	2x22	159	2x29.7
10.0	70040	2x7	714	2x8.5
	70041	2x9	556	2x11.0
	70042	2x12	417	2x14.6
	70043	2x15	333	2x18.3
	70044	2x18	278	2x22.0
	70055	2x22	227	2x26.8
15.0	70050	2x7	1071	2x8.7
	70051	2x9	833	2x11.2
	70052	2x12	625	2x14.9
	70053	2x15	500	2x18.6
	70054	2x18	417	2x22.3
	70055	2x22	341	2x27.3
25.0	70060	2x7	1785	2x8.3
	70061	2x9	1377	2x10.7
	70062	2x12	1041	2x14.3
	70063	2x15	832	2x17.8
	70064	2x18	694	2x21.4
	70065	2x22	568	2x26.2
35.0	70070	2x7	2500	2x8.2
	70071	2x9	1944	2x10.6
	70072	2x12	1458	2x14.1
	70073	2x15	1167	2x17.7
	70074	2x18	972	2x21.2
	70075	2x22	795	2x25.9
50.0	70080	2x7	3571	2x8.1
	70081	2x9	2777	2x10.4
	70082	2x12	2083	2x13.9
	70083	2x15	1666	2x17.3
	70084	2x18	1388	2x20.8
	70085	2x22	1136	2x25.4

## STANDARD TOROIDAL TRANSFORMER, PC MOUNT, MECHANICAL DATA

Power VA	Dimensions L x W x H mm	Pin Layout XY mm	Pin Layout Pin Size mm	Weight Total gr	Weight Cu gr	Regulation No Load / Full Load %
1.6	39.6 x 39.6 x 18.5	35.56	1.0 x 0.5	82	20	33
3.2	44.7 x 44.7 x 19.5	40.64		110	26	44
5.0	49.7 x 49.7 x 19.5	45.72		144	33	47
7.0	49.7 x 49.7 x 23.1	45.72		174	36	35
10.0	55.0 x 55.0 x 26.0	50.80	1.0 x 0.5	252	45	22
15.0	60.0 x 60.0 x 26.3	55.88		304	57	24
25.0	60.0 x 60.0 x 37.5	55.88		435	85	19
35.0	72.0 x 72.0 x 37.5	66.04	1.0 x 1.0	525	187	17
50.0	82.4 x 82.4 x 37.5	76.20		685	209	16

- Primary-Secondary test voltage 4.0 KV (VDE 0550).
- Primaries and secondaries for parallel or series hookup.
- Ambient operating temperature +60 °C maximum.
- Insulation Class A (105 °C)

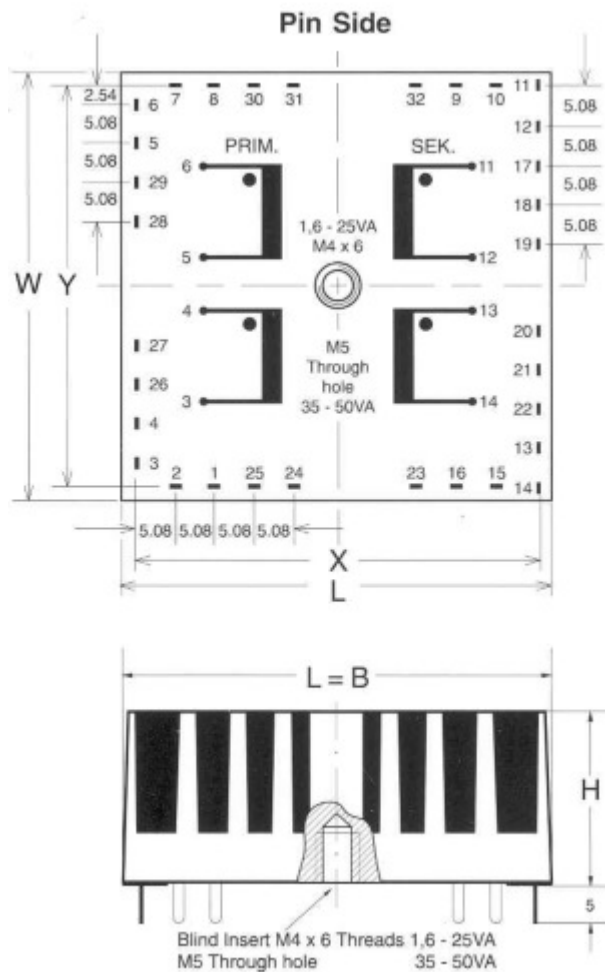
Specifications subject to change, Custom models available on request.

For 230 volt operation, connect primaries in series by connecting pins 5 & 4 together and apply 230 volts across pins 6 & 3.

For 115 volt operation, connect primaries in parallel by connecting pins 6 & 4 together and pins 5 & 3 together, apply 115 volts across pins 6 & 5.

To parallel the secondaries, connect pins 14 to 12 and 13 to 11 take the output across pins 14 and 13.

To place the secondaries in series, connect pins 13 to 12 and take the output across pins 14 and 11.



Dimensions in mm.  
Electrical measurements @20°C ambient temperature.