

Toroidal Transformers



TA Range

A high quality range of open style toroidal transformers with flying leads

Featuring a dual 115 V 50 / 60Hz primary winding for series (230 V) or parallel (115 V) connection only

Secondary windings can be connected in series or parallel or used independently



Very high quality construction

High efficiency and smaller size compared to conventional EI transformers

Extremely low radiated magnetic field, suitable for sensitive electronics

Flexible lead outs can be trimmed to any length without the need of enamel removal

Designed, tested and manufactured in accordance with EN60742, EN60065 and EN60950

UL recognised to UL1411 under file E115159

100% electrical and flash tested

Specification Table

VA	Reg'n % Typical	Iron Loss W	Copper Loss W	Temperature Rise °C	Efficiency % Typical	Diameter mm	Height mm	Weight kg	Fixing Bolt
80	11	0.25	2.5	27	84%	64.5	30.5	0.3	M6 × 50 mm

Maximum ambient temperature 40°C

Overall temperature rating Class A (105°C)

Secondary voltage tolerance $\pm 1\%$ at nominal input and full resistive load

All leads 150 mm long, stripped and tinned for last 6 mm

No mounting screw supplied

Note : Under no circumstances should both ends of any fixing bolt be allowed to come simultaneously in contact with metal chassis or framework so that an electrical path is formed through the bolt in the centre of the transformer via the external framework. This would constitute a shorted turn and would cause irreparable damage

Part Number Table

Description	Part Number
Transformer, 80 VA, 2 × 55 V	MCTA080/55

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