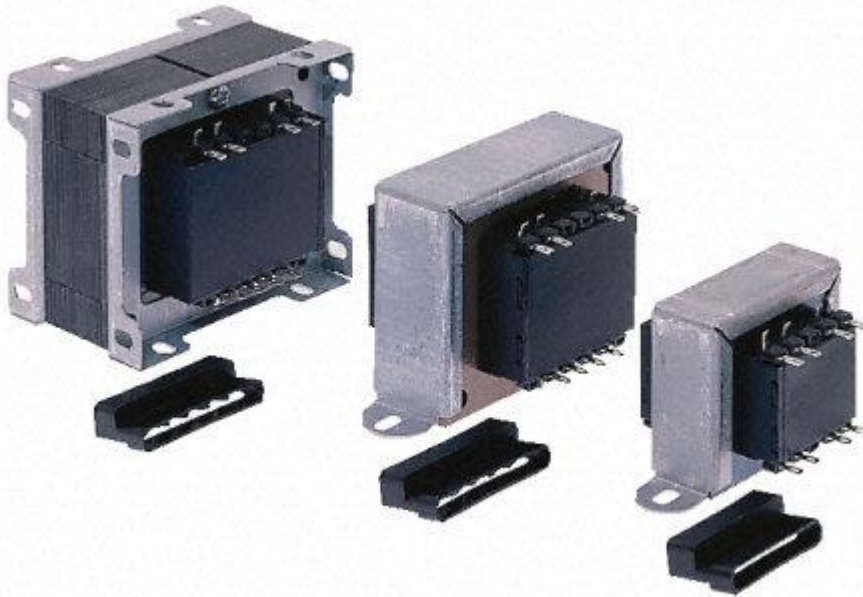


Professionally approved products.

Datasheet

6VA 2 Output Chassis Mounting Transformer

RS Stock number [503-984](#)



Nominal Input Voltage

115V, 115Vv +/-10%, 50/60Hz

No-load Input Current @ 230V 50Hz

30mA (rms) max.

Stock Number	Manufacturer Part Number	Full Load Output Voltage +/-5% @ 6VA	Secondary Resistance Ω +/- 15% @ 20.C
503994	ST53307	6 + 6	2.12 + 2.42
503990	ST53306	9 + 9	5.05 + 5.74
503984	ST53304	12 + 12	6.6 + 7.7
503972	ST52809	15 + 15	12.8 + 14.7
503962	ST53301	24 + 24	30+ 34.8

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Datasheet

<u>Primary Winding Resistance</u>	300+330 Ω +/- 15% @ 20.C		
<u>Regulation</u>	< 25% typical* for range		
<u>Maximum Winding Temperature Rise</u>	55.C		
<u>Efficiency</u>	> 80%		
<u>Iron Loss</u>	0.58W		
<u>Copper Loss</u>	0.9W		
<u>Flash Test</u>	Primary/Secondary's Windings/Core	4KV rms 2KV rms	For 6 Seconds For 6 Seconds
<u>Insulation Test</u>	Primary/Secondary's/Core	>50MΩ @ 500Vdc @ 20.C	
<u>Overpotential Test</u>	460V 500Hz applied across primary, secondary's open circuit. (Type Test Only)		
<u>Core Material</u>	M6/35		
<u>Winding Wire</u>	BS6811 Section 3.1 Grade 1		
<u>Bobbin and Full Shrouds</u>	Split Section, Glass Filled Nylon		
<u>Overall Insulation Rating</u>	Class B (130.C)		
<u>Finish</u>	Class F Stoved Varnish		
<u>Dimensions</u>	45mm wide x 37mm high x 40mm deep (nominal) Including tags.		
<u>Fixing Centre's</u>	53.5mm. Slots 4.0mm x 5.5mm		
<u>Weight</u>	0.2Kg nominal		

* Calculated as Regulation = $\frac{(V_{NL} - V_{FL})}{V_{NL}} \times 100\%$