

12VA PCB Mount, 2 x 115V Primary, Transformer Specification

Nominal Input Voltage 0-115V, 0-115V +/-10%, 50/60Hz

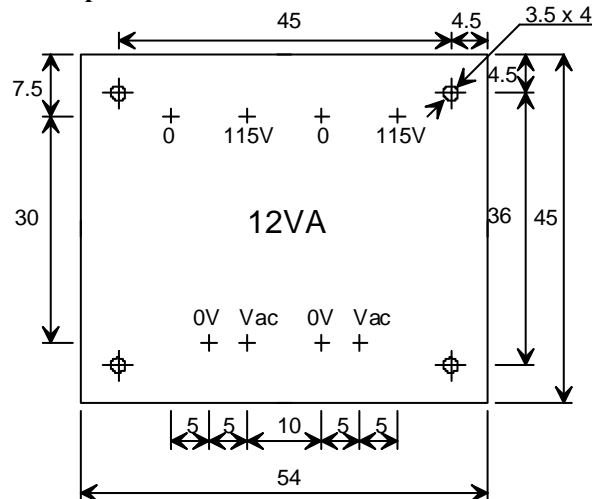
No-load Input Current @ 230V 50Hz 45mA (rms) max.

Stock Number	Manufacturer Part Number	Full Load Output Voltage +/-5% @ 12VA	Secondary Resistance Ω +/- 15% @ 20.C
504436	ST53390	6 + 6	0.42 + 050
504432	ST53389	9 + 9	0.97 + 1.15
504448	ST53391	12 + 12	1.63 + 1.93
504442	ST52703	15 + 15	2.60 + 3.10
504426	ST53388	24 + 24	6.70 + 8.00

<u>Primary Winding Resistance</u>	110=120 Ω +/- 15% @ 20.C
<u>Regulation</u>	< 15% typical* for range
<u>Maximum Winding Temperature Rise</u>	55.C
<u>Efficiency</u>	> 82%
<u>Iron Loss</u>	1.7W
<u>Copper Loss</u>	1.9W
<u>Flash Test</u>	Primary/Secondary's Windings/Core 4KV rms For 6 Seconds 2KV rms For 6 Seconds
<u>Insulation Test</u>	Primary/Secondary's/Core >50M Ω @ 500Vdc @ 20.C
<u>Overpotential Test</u>	460V 500Hz applied across primary, secondary's open circuit. (Type Test Only)
<u>Core Material</u>	800-50
<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>	54mm wide x 45mm high x 41mm deep (nominal)
<u>Pins</u>	1mm dia 5mm long
<u>Weight</u>	0.4Kg nominal

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

All tolerances and production tests in accordance with EN61558 (EN60742)



PIN LAYOUT