

150VA Auto Transformer Specification

R.S Stock Number 504-189

Manufacturer Part Number 10-5834

<u>Nominal Input Voltage</u>	0-220-230-240v +/-10%, 50/60Hz
<u>No-load Input Current @ 230V 50Hz</u>	140mA (max.)
<u>Nominal Output</u>	115V @ 150VA
<u>Winding Resistance</u>	10.8 Ω +/- 15% @ 20.C
<u>Regulation</u>	3.1% *
<u>Maximum Winding Temperature Rise</u>	48.C
<u>Efficiency</u>	94.2%
<u>Iron Loss</u>	4.5 watts
<u>Copper Loss</u>	4.6 watts
<u>Flash Test</u>	Winding to Core 2.5KV
<u>Insulation Test</u>	Winding to Core 50MΩ @ 500V dc @ 20.C
<u>Overpotential Test</u>	460V 500Hz
<u>Core Material</u>	800/50
<u>Winding Wire</u>	BS6811 Section 3.1 Grade 1
<u>Overall Insulation Rating</u>	Class B (130)
<u>Finish</u>	Class F Stoved Varnish
<u>Dimensions</u>	73mm x 120mm x 89mm
<u>Fixing Centres</u>	57mm x 50.5mm 9.5x4.8mm slots
<u>Weight</u>	1.6Kg nominal

* Calculated as Regulation = $\frac{(VNL - VFL)}{VNL} \times 100\%$