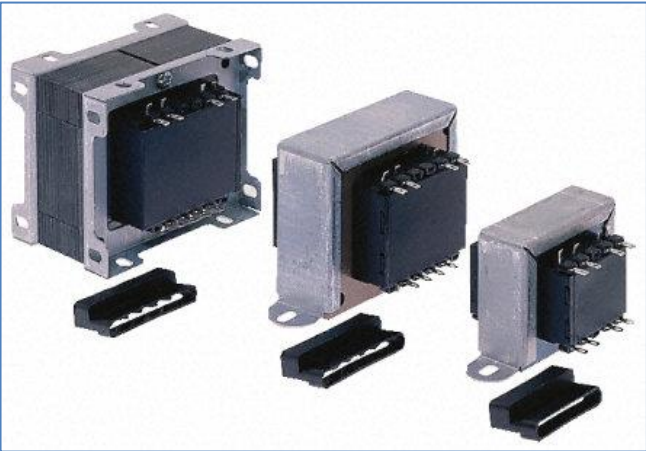


Professionally approved products.  
**Datasheet**  
**50VA 2 Output Chassis Mounting Transformer, 6V ac**

RS Stock number 504-240



### Description:

**Chassis Mount Clamp & Frame Construction 115/230Vac Primary Transformer**

- Double section bobbin construction
- Fully shrouded bobbins
- Full varnish impregnation
- Two hole fixing wrap-over clamps 6VA to 50VA
- Multi-hole frame fixing 100VA
- Solder tag terminations
- Optional terminal shrouds
- 100% electrical and flash tested
- Tested in accordance with BS3535 and EN 60 742

**50VA Clamp Mount, 2 x 115v Primary, Transformer Specification**

Nominal Input Voltage:	115V, 115V +/-10%, 50/60Hz
No-load Input Current @ 230V 50Hz:	100mA (rms) max.

Stock Number	Full Load Output Voltage +/-5% @ 50VA	Secondary Resistance Ω +/- 15% @ 20 degree C
504-240	6 + 6	0.075 + 0.088
504-246	9 + 9	0.159 + 0.191
504-256	12 + 12	0.30 + 0.36
504-252	15 + 15	0.43 + 0.51
504-329	24 + 24	1.20 + 1.43

## Professionally approved products.

# Datasheet

Primary Winding Resistance:	19.8 + 24.2Ω +/- 15% @ 20 degree C
Regulation:	< 10% typical* for range
Maximum Winding Temperature Rise:	55 degree C
Efficiency:	> 84%
Iron Loss:	3.65W
Copper Loss:	5.6W
Flash Test:	Primary/Secondary's 4KV rms For 6 Seconds
	Windings/Core 2KV rms For 6 Seconds
Insulation Test:	Primary/Secondary's/Core >50MΩ @ 500Vdc @ 20degree C
Over potential Test:	460V 500Hz applied across primary, secondary's open circuit. (Type Test Only)
Core Material:	800-50
Winding Wire:	BS6811 Section 3.1 Grade 1
Bobbin and Full Shrouds:	Split Section, Glass Filled Nylon
Overall Insulation Rating:	Class B (130 degree C)
Finish:	Class F Stoved Varnish
Dimensions:	79mm wide x 65mm high x 62mm deep (nominal) Including tags
Fixing Centres:	92mm. Slots 4.7mm x 9.5mm
Weight:	1.0Kg nominal

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

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