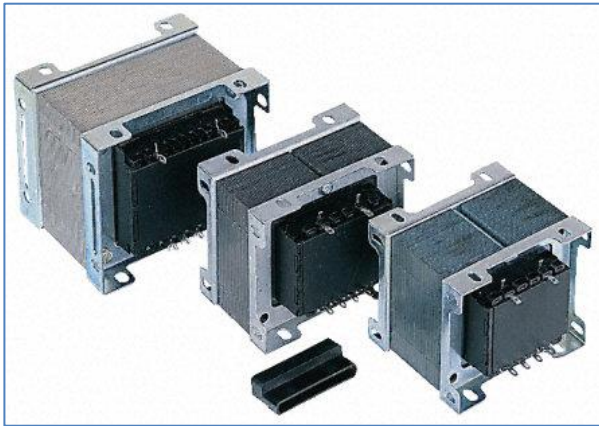


**Professionally approved products.**

## Datasheet

# 150VA 2 Output Chassis Mounting Transformer, 6V ac

RS Stock number 504-117



## Description:

### Chassis Mount Frame 75VA to 200VA

The two independent secondary windings may be connected in series or parallel to give a wide range of output voltage and current options.

Optional terminal shrouds for 75VA and 100VA([503-928](#))

### 150VA Frame Mount, 230v Primary, Transformer Specification

Nominal Input Voltage: 230V +/-10%, 50/60Hz

No-load Input Current @ 230V 50Hz: 150mA (rms) max.

Stock Number	Full Load Output Voltage +/-5% @ 150VA	Secondary Resistance $\Omega$ +/- 15% @ 20 degree C
504-117	6 + 6	0.022 + 0.026
504-076	9 + 9	0.037 + 0.045
504-127	12 + 12	0.071 + 0.086
504-094	15 + 15	0.10 + 0.123
504-072	18 + 18	0.15 + 0.18
504-082	24 + 24	0.25 + 0.30
504-088	50 + 50	1.05 + 1.28

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Primary Winding Resistance:	10.8Ω +/- 15% @ 20 degree C
Regulation:	< 10% typical* for range
Maximum Winding Temperature Rise:	55 degree C
Efficiency:	> 90%
Iron Loss:	5.8W
Copper Loss:	11W
Flash Test:	Primary/Secondary's Windings/Core
	4KV rms For 6 Seconds 2KV rms For 6 Seconds
Insulation Test:	Primary/Secondary's/Core
Over potential Test:	>50MΩ @ 500Vdc @ 20degree C 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:	100mm wide x 82mm high x 82mm deep (nominal) Including tags
Fixing Centres:	72mm x 60mm. Slots 5.5mm x 8.5mm
Weight:	2.0Kg nominal

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

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

*Note The lamination stack may, or may not have a central slot on the long side. This should not be used for mounting purposes*