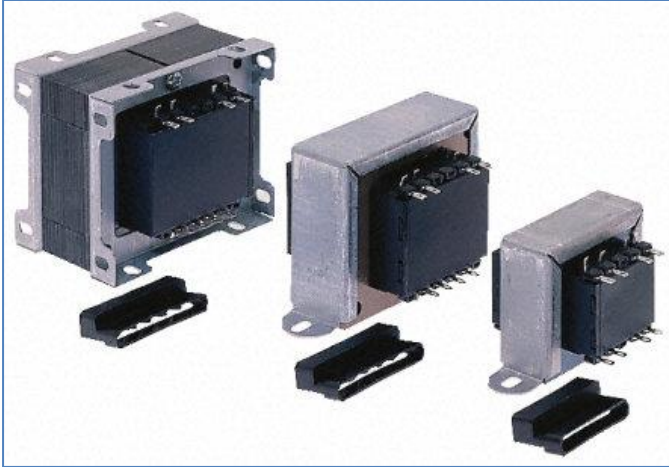


Professionally approved products.

Datasheet

20VA 2 Output Chassis Mounting Transformer, 9V ac

RS Stock number 504-274



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

20VA Clamp Mount, 2 x 115v Primary, Transformer Specification

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

No-load Input Current @ 230V 50Hz: 60mA (rms) max.

Stock Number	Full Load Output Voltage +/-5% @ 20VA	Secondary Resistance Ω +/- 15% @ 20 degree C
504-278	6 + 6	0.22 + 0.262
504-274	9 + 9	0.53 + 0.62
504-280	12 + 12	0.88 + 1.07
504-262	15 + 15	1.38 + 1.63
504-230	24 + 24	3.5 + 4.06

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Primary Winding Resistance:	57.5 + 62.5Ω +/- 15% @ 20 degree C
Regulation:	< 12% typical* for range
Maximum Winding Temperature Rise:	55 degree C
Efficiency:	> 80%
Iron Loss:	2.3W
Copper Loss:	2.62W
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:	M6/35
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:	59mm wide x 50mm high x 57mm deep (nominal) Including tags
Fixing Centres:	70mm. Slots 4.7mm x 8.7mm
Weight:	0.55Kg nominal

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

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