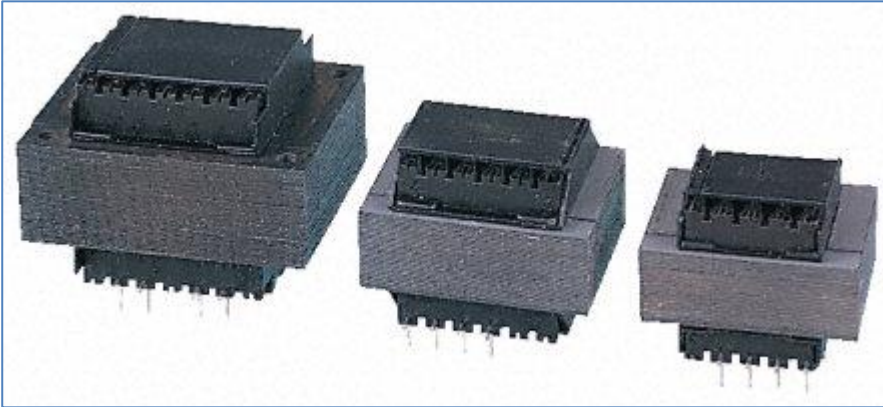


Professionally approved products.

Datasheet

6 V ac 2 Output Through Hole PCB Transformer, 3VA

RS Stock number [504-381](#)



Description:

PCB Mount 115/230Vac Transformer

Twin 115Va.c. 50/60Hz primary windings which may be connected in series for 230V or parallel for 115V operation

Fully shrouded bobbins

100% electrical and flash tested

Tested in accordance with BS3535 and EN 60 742

Open Frame - Laminated

PCB mounting mains transformers with a single 230Va.c. or twin 115Va.c. 50/60Hz primary winding.

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

Double section metric bobbin construction

Full varnish impregnation

Professionally approved products.

Datasheet

3VA PCB Mount, 2 x 115V Primary, Transformer Specification

Nominal Input Voltage: 0-115V, 0-115V +/-10%, 50/60Hz
No-load Input Current @ 230V 50Hz: 30mA (rms) max.

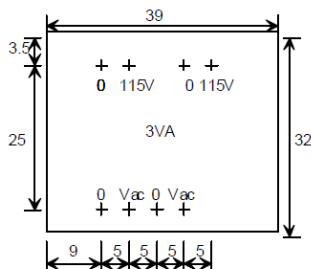
Stock Number	Full Load Output Voltage +/-5% @ 3VA	Secondary Resistance Ω +/- 15% @ 20 degree C
504-381	6 + 6	3.83 + 4.48
504-385	9 + 9	8.1 + 9.3
504-397	12 + 12	14.8 + 17.3
504-391	15 + 15	21.4 + 25
504-379	24 + 24	61.4 + 71.4

Primary Winding Resistance: 570 + 625 Ω +/- 15% @ 20 degree C
Regulation: < 22% typical* for range
Maximum Winding Temperature Rise: 55 degree C
Efficiency: > 67%
Iron Loss: 0.45W
Copper Loss: 1.05W
Flash Test: Primary/Secondary's Windings/Core 4KV rms For 6 Seconds
2KV rms For 6 Seconds
Insulation Test: Primary/Secondary's/Core >50M Ω @ 500Vdc @ 20 degree 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: 39mm wide x 30mm high x 32mm deep (nominal)
In the area of the pin heel, depth becomes 35mm
Pins: 1mm dia., 5mm long
Weight: 0.14Kg 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