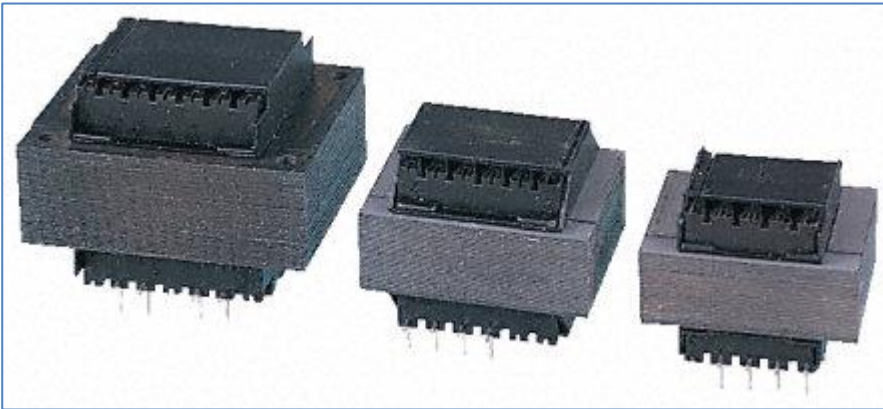


Professionally approved products.

Datasheet

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

RS Stock number 504-347



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

6VA PCB Mount, 2 x 115V Primary, Transformer Specification

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

No-load Input Current @ 230V 50Hz: 35mA (rms) max.

| Stock Number | Full Load Output Voltage +/-5% @ 6VA | Secondary Resistance Ω +/- 15% @ 20 degree C |
|--------------|---|--|
| 504-347 | 6 + 6 | 2.2 + 2.58 |
| 504-357 | 9 + 9 | 5.23 + 6.15 |
| 504-353 | 12 + 12 | 8.75 + 10.27 |
| 504-363 | 15 + 15 | 13.5 + 15.87 |
| 504-369 | 24 + 24 | 45.8 + 53.8 |

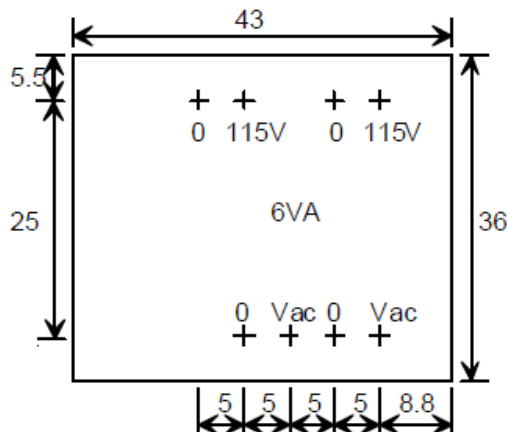
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Datasheet

| | |
|-----------------------------------|---|
| Primary Winding Resistance: | 297 +363Ω +/- 15% @ 20 degree C |
| Regulation: | < 25% typical* for range |
| Maximum Winding Temperature Rise: | 55 degree C |
| Efficiency: | > 77% |
| Iron Loss: | 0.58W |
| Copper Loss: | 1.18W |
| 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: | 43mm wide x 33mm high x 36mm deep (nominal) |
| Pins: | 1mm dia., 5mm long |
| Weight: | 0.18Kg 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