

Professionally approved products.

Datasheet

2 Output Toroidal Transformer, 120VA, 12 V ac

RS Stock number 671-9132

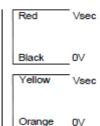
Open Style, with leads, 2x115V Primary, 120VA

115V Brown

0V Blue

115V Green

0V Violet



Primary 2x115V @ 50/60Hz

Secondary 2 x Vsec, @ 60VA Each

Suitable for Series/Parallel Connection

RS Code No.	RS Part No.	Full Load Vsec [V]	Rated Current per Sec [A]	No Load Vsec [V]	DC resistance [Ohms] @ 25° C
671-9132	81587-P2S2	2x12	5.000	2 x 13.31	2 x 0.1324
671-9135	81588-P2S2	2x15	4.000	2 x 16.64	2 x 0.2057
671-9139	81589-P2S2	2x18	3.333	2 x 19.97	2 x 0.3039
671-9148	81590-P2S2	2x25	2.400	2 x 27.85	2 x 0.6000
671-9141	81591-P2S2	2x55	1.091	2 x 61.13	2 x 2.9489

Primary Winding Input Voltage: 2 x 115V±10 % @ 50/60Hz

DC Resistance @25°C = 2 x 8 Ohms (a pprox)
Magnetising Current @ 115V = 210.0mA (approx)
Magnetising Current @ 126.5V = 550.0mA (approx)

Losses Iron Losses 6.00 Watts (approx)

Copper Losses 18.90 Watts (approx)

Temperature Class

Winding Wire (Primary & Secondary). Class H (180° C)
Insulation between input and output. Class B (130° C)

Connection lead insulation. Class B (130° C)
Class A (105° C)

Standards Designed,manufactured and tested according to the requirements of:

EN61558 Class II, Non-Short-Circuit Proof

VDE0570 Class II IEC61558 Class II

UL506

Physical Data Approximation Dimension Diameter 96mm*

Height 48mm

* Measured away from leadout bulge, allow extra 4mm at leads

Approximate weight 1.37 Kg

Terminations Primary Solid Copper Conductors (Extension of winding wire)

double Insulated over their entire length with PVC tubing

150mm Long, with 10mm tinned ends.

Secondary Solid copper conductors (extension of winding wire)

insulated over their entire length with PVC tubing

150mm Long, with 10mm tinned ends.