ENGLISH

Datasheet

2 Output Toroidal Transformer, 120VA, 18 V ac

RS Stock number [671-9139]

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

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 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.