ENGLISH

Datasheet

2 Output Toroidal Transformer, 80VA, 18 V ac

RS Stock number 671-9126

Open Style, with leads, 2x115V Primary, 80VA

Primary 2x115V @ 50/60Hz

Secondary 2 x Vsec, @ 40VA 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
671-9110	81581-P2S2	2x9	4.444	2 x 10.20	2 x 0.1351
671-9113	81582-P2S2	2x12	3.333	2 x 13.64	2 x 0.2488
671-9117	81583-P2S2	2x15	2.667	2 x 17.08	2 x 0.3954
671-9126	81584-P2S2	2x18	2.222	2 x 20.40	2 x 0.5281
671-9129	81585-P2S2	2x25	1.600	2 x 28.30	2 x 1.0485
671-9123	81586-P2S2	2x55	0.7273	2 x 62.20	2 x 5.2056

Primary Winding

Input Voltage : 2 x 115V±10% @ 50/60Hz
DC Resistance @25°C = 2 x 14 Ohms (approx)
Magnetising Current @ 115V = 170.0mA (approx)
Magnetising Current @ 126.5V = 450.0mA (approx)

Losses

Iron Losses 5.50 Watts (approx)
Copper Losses 13.9 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 93mm*
Height 38mm
* Measured away from leadout bulge, allow extra 4mm at leads

Approximate weight 1.04 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.