



ENGLISH

Datasheet

2 Output Toroidal Transformer, 80VA, 25 V ac

RS Stock number [671-9129](#)

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



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
Approximate weight 1.04 Kg
* Measured away from leadout bulge, allow extra 4mm at leads

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.