



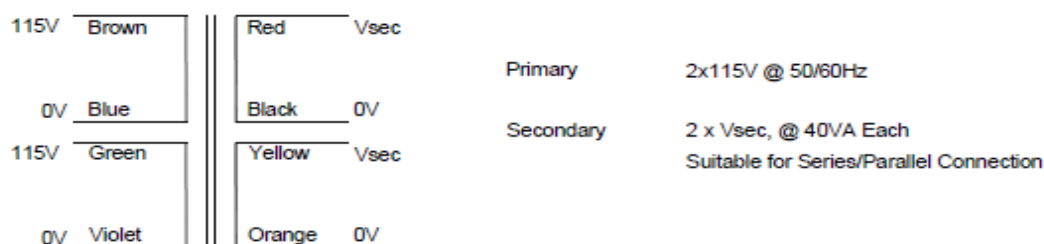
ENGLISH

# Datasheet

## 2 Output Toroidal Transformer, 80VA, 15 V ac

RS Stock number [671-9117](#)

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  
\* 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.