



ENGLISH

# Datasheet

## 2 Output Toroidal Transformer, 15VA, 9 V ac

RS Stock number [671-9056](#)

Open Style, with leads, 2x115V Primary, 15VA



RS Code No.	RS Part No.	Full Load Vsec [V]	Rated Current per Sec [A]	No Load Vsec [V]	DC resistance [Ohms] @ 25° C
671-9053	81563-P2S2	2x6	1.250	2 x 7.00	2 x 0.4069
671-9056	81564-P2S2	2x9	0.833	2 x 10.42	2 x 0.9726
671-9050	81565-P2S2	2x12	0.625	2 x 13.92	2 x 1.7849
671-9069	81566-P2S2	2x15	0.500	2 x 17.35	2 x 2.5036
671-9062	81567-P2S2	2x18	0.417	2 x 20.92	2 x 3.9094

**Primary Winding** Input Voltage : 2 x 115V±10 % @ 50/60Hz  
DC Resistance @25°C = 2 x 76.5 Ohms (approx)  
Magnetising Current @ 115V = 80.0mA (approx)  
Magnetising Current @ 126.5V = 200.0mA (approx)

**Losses** Iron Losses 3.0 Watts (approx)  
Copper Losses 3.20 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 60mm\*  
Height 31mm  
Approximate weight \* Measured away from leadout bulge, allow extra 4mm at leads  
0.365 kg

**Terminations** **Primary** Flexible equipment wire, 105°C PVC, 7/0.20 (0.22mm<sup>2</sup>)  
Double Insulated over entire length with PVC sleeves  
150mm Long, with 10mm stripped ends.  
**Secondary** Solid copper conductors (extension of winding wire)  
insulated over their entire length with PVC tubing  
150mm Long, with 10mm tinned ends.