

Professionally approved products.

## Datasheet

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

RS Stock number [671-9069](#)

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

115V	Brown	Red	Vsec	Primary	2x115V @ 50/60Hz
0V	Blue	Black	0V		
115V	Green	Yellow	Vsec	Secondary	2 x Vsec, @ 7.5VA Each Suitable for Series/Parallel Connection
0V	Violet	Orange	0V		

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  
 \* Measured away from leadout bulge, allow extra 4mm at leads  
 Approximate weight 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.