

**ENGLISH**

Datasheet

2 Output Toroidal Transformer, 15VA, 12 V ac

RS Stock number [671-9050](#)

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

115V	Brown	Red	Vsec	Primary	2x115V @ 50/60Hz
0V	Blue	Black	0V	Secondary	2 x Vsec, @ 7.5VA Each
115V	Green	Yellow	Vsec		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 (0.22mm²)
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.