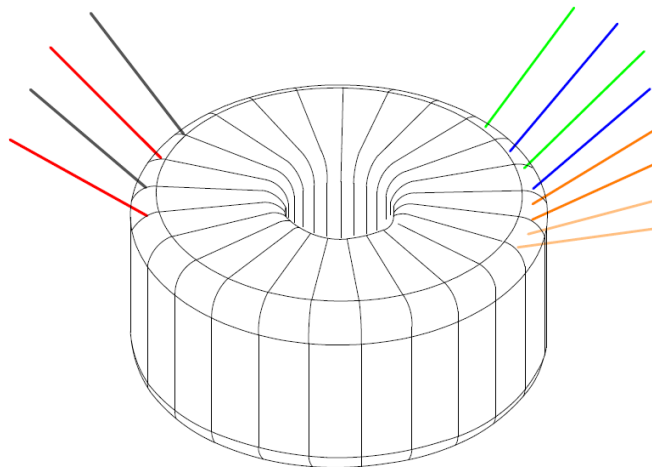
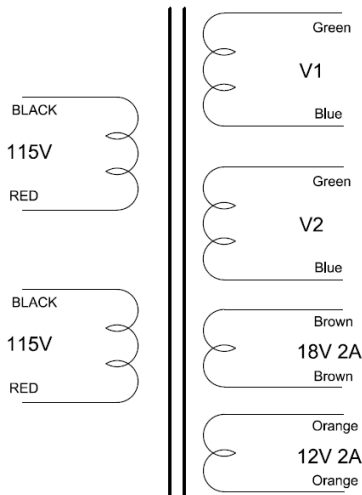




The 1000VA toroidal transformers are widely utilized in noise-sensitive equipment, high-end audio systems, stepper motor power supplies, and servo motor power supplies. They are specifically engineered to operate on all standard 115V or 230V power sources at both 50Hz and 60Hz frequencies.

To minimize copper losses during full power output, these transformers are manufactured with wire gauges exceeding standard requirements. They undergo dielectric testing at over 3500V between the primary and secondary windings to ensure superior insulation and safety. Detailed test data for both short-circuit and open-circuit conditions is available for reference.

In most applications, these transformers are capable of delivering up to 20% more power than their rated capacity when operated at a 60Hz power source without performance issues. Each transformer is supplied with two rubber pads and complete mounting hardware for easy installation.



D=6.9"
H=3.3"
Weight=19 LB
EN60335-1
CE Complies

Open Circuit Test (core loss test): TEST CONDITION: Apply variable voltage to primary coils (in parallel). Set voltages 120 and 140VAC at 60Hz. No load on secondary coils. Measure the primary current and input power.	Voltage input	Current input	Power lost
	120V 140V	.05A .07A	4.8W 6.9W
Short Circuit Test (copper loss test): TEST CONDITION: Short all secondary coils, and apply variable voltage to (parallel) primary coils. Vary the voltage from 0-20VAC at 60Hz and freeze the voltage at rated primary current.	Voltage input	Current rated	Power lost
	3.5V	8.2A	29W
Load Test (operation test): TEST CONDITION: Input 120VAC 60Hz to the primary coils (in parallel), Output 1 and 2 in parallel to load, and measure voltage and current at different load levels. These are test data for reference only and the currents are not max rated value.	Voltage output	Current output	Power output
	78.4V 77.0V	0.0A 5.1A	0W 397W
DC Resistant Test: DC Milli-Ohm Meter: Test primary and secondary coils (value for each coil).	Primary		Secondary
	0.45 ohm		0.21 ohm