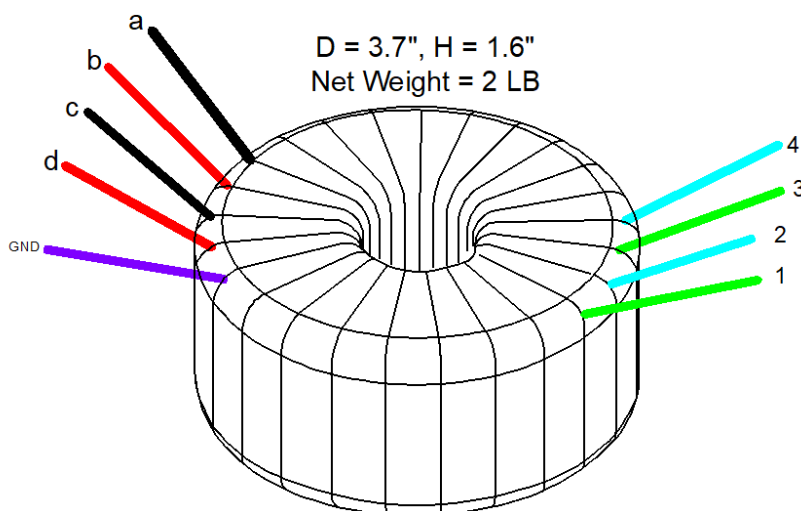
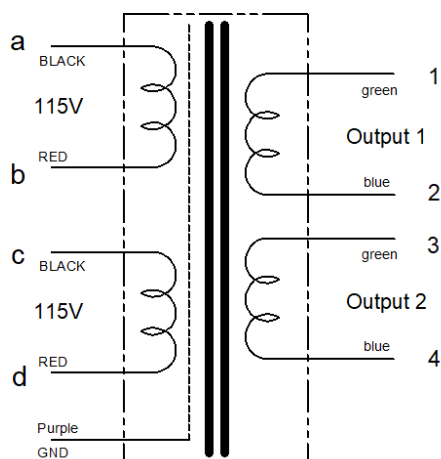




The 50VA toroidal audio power transformers have static shield between primary and secondary coils to improve the isolation and noise interference. And they also have the magnetic shield around the outside to reduce the magnetic leakage. All the added features will make these transformers to be the best audio transformers. They are specially designed to work on all standard 115V or 230V at 50Hz or 60Hz. These transformers have heavier gauge wires than the normal requirement to avoid the copper lost during the full power output. The dielectric leakage current test is up to 3500Vac in between primary and secondary windings.

This transformer comes with 2 rubber pads, holding disk and center bolt assembly.



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	P _{ower} lost
	120V 140V	.01A .02A	1W 1W
Short Circuit Test (copper loss test): TEST CONDITION: Short all secondary coils, and apply variable voltage to (parallel) primary coils. Varies the voltage from 0-20VAC at 60Hz and freeze the voltage at rated primary current.	Voltage input	Current rated	P _{ower} lost
	11.5V	0.44A	5W
Load Test (operation test): TEST CONDITION: Input 120VAC 60Hz to the primary coils (in parallel), Output 1 and Output 2 in parallel to load, and measure voltage and current at different load levels.	Voltage output	Current output	P _{ower} output
	41.1V	0.0A	0W
	40.0V	0.5A	21W
	38.3V	1.1A	39W
Winding Resistance: TEST CONDITION: Milli-ohm meter to test each primary & secondary winding.	Primary	Secondary	
	21.8 ohm	3.2 ohm	