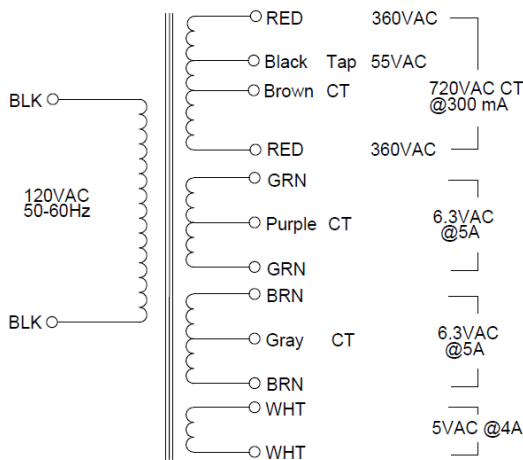
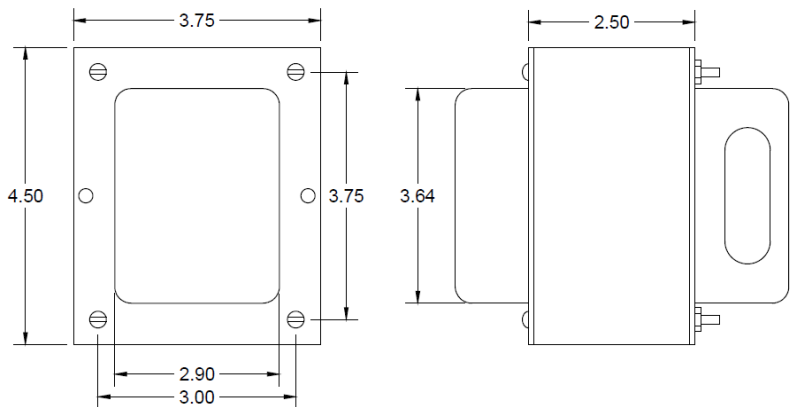




Net Weight: 8LB

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 _{power lost}
	120V 140V	.02A .03A	2W 2.6W
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 _{power lost}
	10.6V	2.4A	25W
Load Test (operation test): TEST CONDITION: Input 120VAC 60Hz to the primary coils (in parallel), Output measure from CT (black) to one of the Hv (red) for voltage and current at different load levels*.	Voltage output	Current output	P _{power output}
	372V 356V	0.0A 0.18A	0W 64.8W
DC Resistant Test: DC OHM METER: Test each coil from primary (blk-blk) and secondary (Hv red-red: & Lv: grn-grn)	Primary	Hv	Lv
	1.5Ω	83Ω	0.07Ω

*Note: The values shown are not the maximum power rating of the transformer. They are test data used to determine the transformer's effective output impedance. The loaded output voltage can be estimated as $V_{out} = V_{no-load} - I \times Z$, where $Z = \Delta V / \Delta I$.