

# Model 12 & 13

## Current Transformer Window Diameter 0.37" & 0.56"

### Application

For current to voltage conversion by use of a loading resistor.

These two lightweight, miniature current transformer are suitable for direct mounting on printed circuit boards. Model 13 is provided with standard hexagon nuts, to secure the transformer to a printed circuit board so that the assembly can withstand vibration and shock.

### Frequency

50-400 Hz.

### Insulation Level

600 Volt, 10 kV BIL full wave.

### Continuous Thermal Current Rating Factor

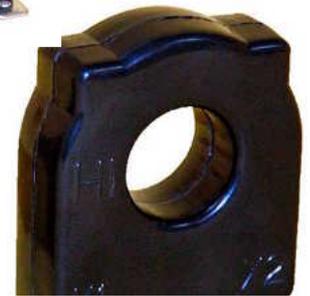
Models 12:  
100 A @ 30 °C amb.,  
80 A at 55 °C amb.

Models 13:  
200 A at 30 °C amb.,  
120 A at 55 °C amb

Approximate weight 0.1 - 0.2 lbs



Model 12



Model 13



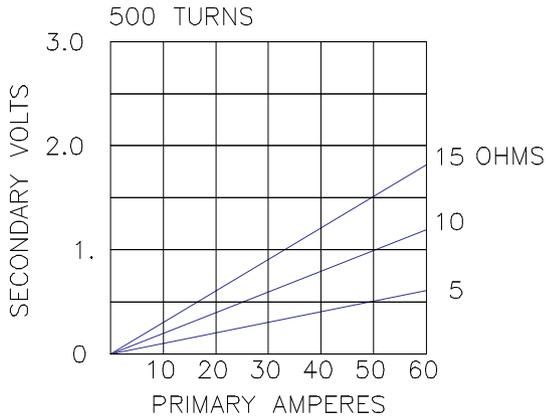
### Data Table: Models 12 & 13

Catalog Number	Turns
12-500T	500
12-1000T	1,000
12-1050T	1,050
13-200T	200
13-400T	400
13-1000T	1,000
13-2000T	2,000
13-3000T	3,000

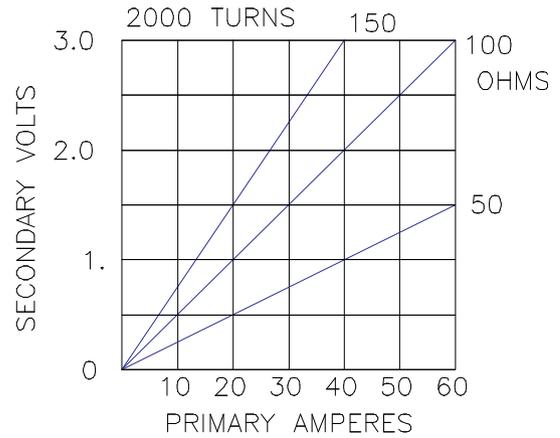


Model 12 & Model 13

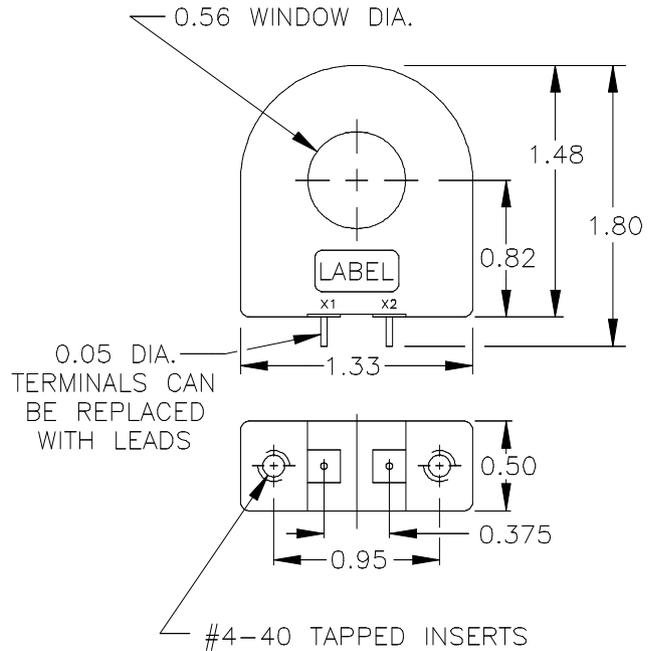
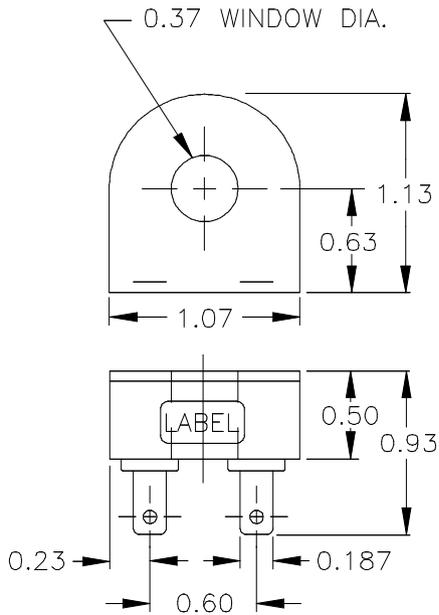
Model 12



Model 13



The graphs above illustrate the voltage output capacity of each for ± 3% linearity.



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