

# CT03 Series SMT Current Sense Transformer



## Features

- ◆ Encapsulated to Meet UL 1950 and En60950 Creepage/Clearance spacing
- ◆ Available in Unipolar and Bipolar configurations
- ◆ Meets UL Class B Insulation System

## Applications

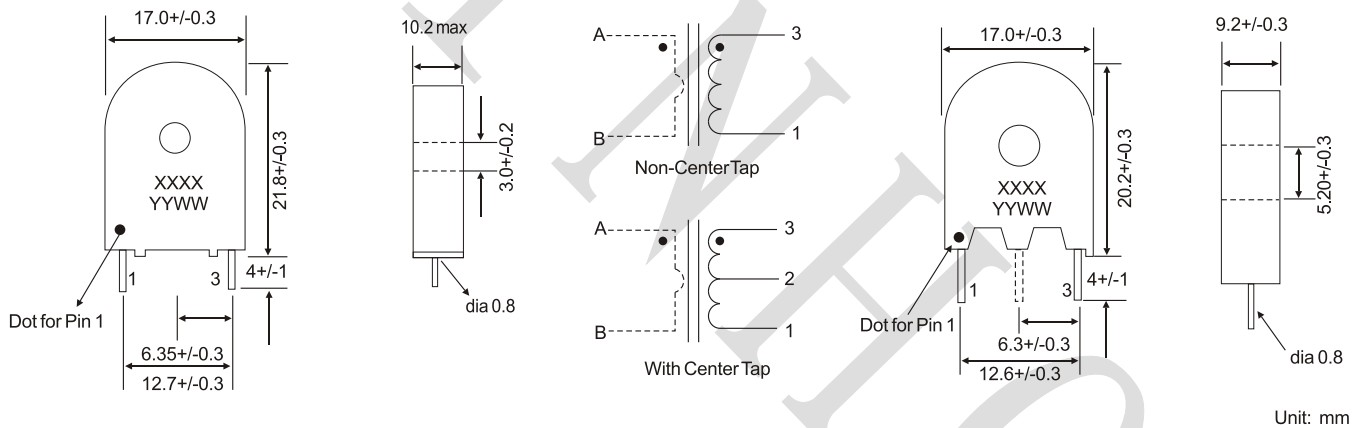
- ◆ Feedback Control
- ◆ Overload Protection
- ◆ Detecting Load Drop or Shutdown

**Packaging** Tray=144 pieces,Box=1728 pieces

### Mechanical – Figure A

### Schematic

### Mechanical – Figure B



## Electrical Specifications

Part Number	Turns Ratio	Ls <sup>1</sup> (mH,min)	Frequency (Khz)	Rs (Ω , max.)	Terminating <sup>4</sup> Resistor (Ω)	HiPot Vac
CT03-050-B	1:50	5	17.5	0.6	50	3750
CT03-100-B	1:100	20	17.5	1.3	100	3750
CT03-200-B	1:200	80	17.5	4.5	200	3750
CT03-750-A	1:750	1125	1.0	34.0	750	3750
CT03-1000-A	1:1000	1500	1.0	57.0	1000	3750

Add designator to end of p/n

C=Center Tap Secondary

N=Non-Center Tap Secondary

1. Electrical specifications at 25°C

2. Operating temperature range: -40°C to +130°C.

3. Meets UL 94V-0.

4. Terminating resistor for 1v out with 1A flowing through primary.