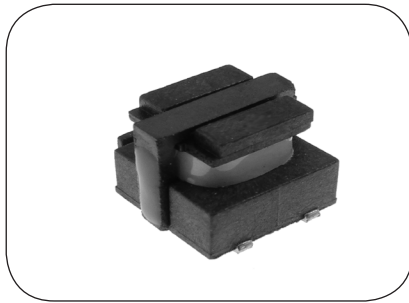


# CT06 Series Current Sense Transformer



## Features

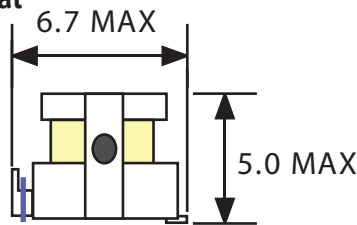
- Small Footprint
- Hi-Pot tested at 1,500 VAC
- Current Ratings to 18A
- Patent Pending
- Meets basic creepage

## Applications

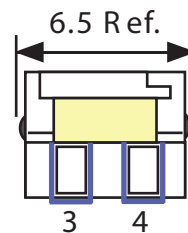
- DC/DC Converters
- AC/DC Converters
- POL Converters

**Packaging:** Reel dia: 13", Carrier width: 16mm, Pcs/reel: 1,000, Reel per carton: 10

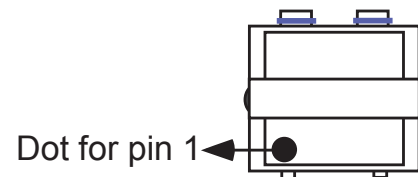
## Mechanical



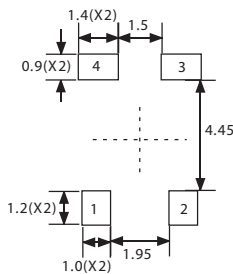
## Side View



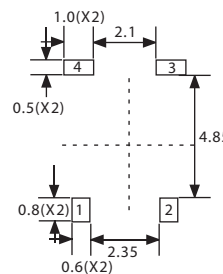
## Top View



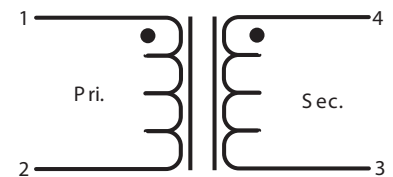
## Recommended PCB layout



## Footprint



## Schematic



units: mm

## Electrical Specifications

Part No.	Turns Ratio	E-T Product (V- $\mu$ s)	Ls <sup>1</sup> (mH, min.)	Rs <sup>2</sup> ( $\Omega$ , max.)	Current Rating <sup>5</sup> (A)	Hi-Pot (V <sub>AC</sub> )
CT06-050	1:50	27	0.35	1.3	18.0	1500
CT06-100	1:100	54	1.4	4.8	18.0	1500
CT06-150	1:150	81	3.15	15.2	18.0	1500
CT06-200	1:200	110	5.6	25.0	18.0	1500
CT06-250	1:250	135	8.75	37.2	18.0	1500

### Notes:

1. Tested at 10kHz, 0.1Vrms.
2. Electrical specifications at 25°C.
3. Operating range: -40°C to +130°C. This is a combination of ambient plus temperature rise.
4. Meets UL 94V-0.
5. DC current through primary, plus turns-ratio-divided DC current through secondary winding, to cause a 40°C temperature rise at 25°C ambient.
6. Meets RXT-2 Class F Insulation System (E169423).



Specifications subject to change without notice.