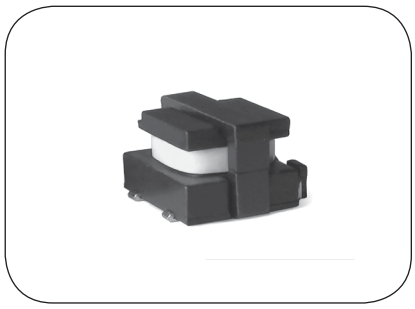
CT02 Series
Current Sense Transformer



Features

- Smallest Footprint
- Hi-Pot tested at 1,500 VAC
- Current Ratings to 18A
- Patent Pending

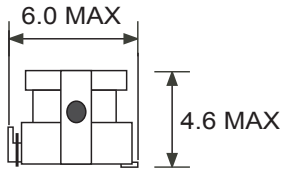
Applications

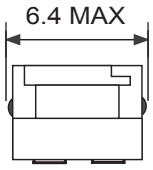
- DC/DC Converters
- AC/DC Converters
- POL Converters

Packaging: Reel diameter: 13", Reel width: 16mm, Pieces/reel: 1000

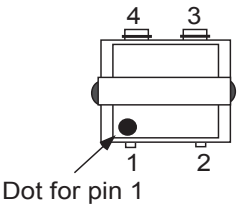
Mechanical

Side View

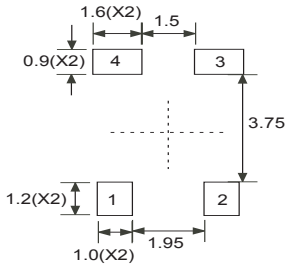




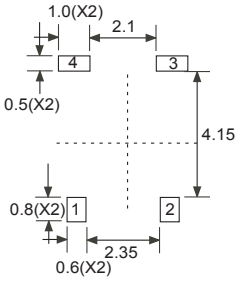
Top View



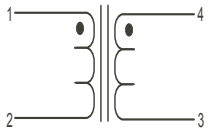
Recommended PCB layout



Footprint



Schematic



units: mm

Electrical Specifications

Part No.	Turns Ratio	E-T Product (V-µs)	Ls[1] (mH, min.)	Rs[2] (Ω, max.)	Current Rating[5] (A)	Hi-Pot (V_{AC})
CT02-050	1:50	4.0	0.44	1.25	15.0	1500
CT02-100	1:100	8.0	1.8	4.8	18.0	1500
CT02-150	1:150	12.0	4.0	15.0	18.0	1500
CT02-200	1:200	16.0	7.1	25.0	18.0	1500
CT02-250	1:250	20.0	11.1	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. All products are RoHS-compliant.

RoHS

Specifications subject to change without notice.