

Current Sense Transformer

CT02 SERIES



FEATURES:

- Smallest Footprint
- Hi-Pot tested at 1500VAC
- Current ratings to 18A
- Patent pending

APPLICATION:

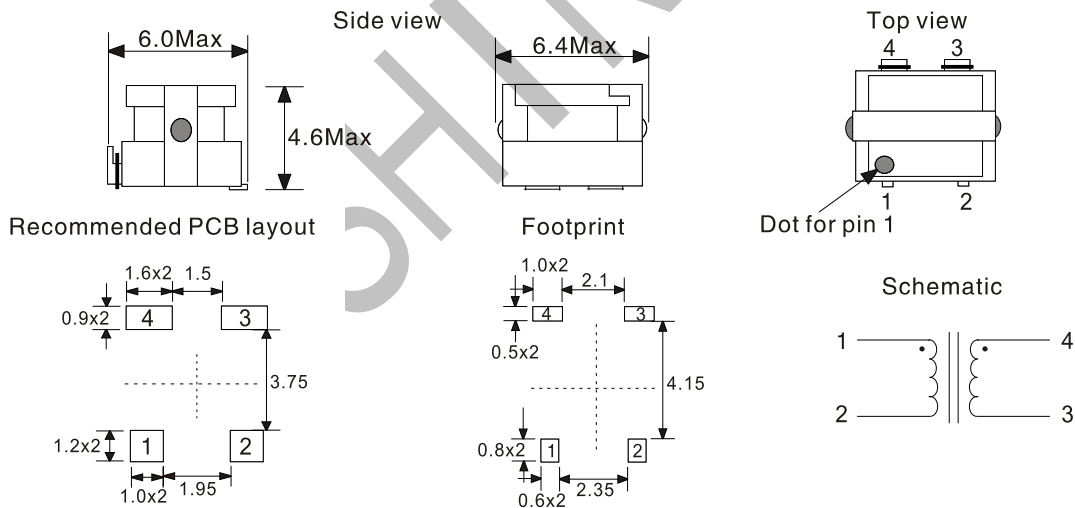
- DC/DC Converters
- DC/DC Converters
- POL Converters

ELECTRICAL SPECIFICATIONS:

Part No.	Turns ratio	E-T Product (V-us)	Ls (mH, Min)	Rs (Ω , Max)	Current rating (A)	Hi-Pot (Vac)
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

Note: 1. K= $\pm 10\%$, M= $\pm 20\%$

MECHANICAL: Unit:mm



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 UL94V-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

Specifications subject to change without notice