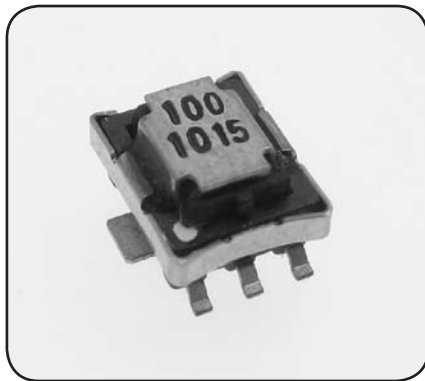


CT04 Series

SMT Current Sense Transformer



FEATURES

- Low Profile
- Full Selection of Turns Ratios
- Primary Rated for 20A
- Frequency Range up to 1MHz
- Suitable for Pick And Place Applications
- Withstands Solder Reflow

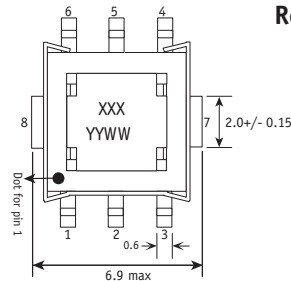
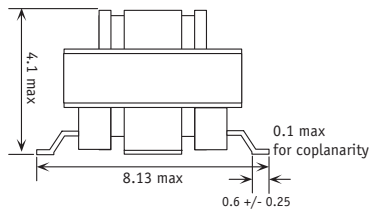
APPLICATIONS

- DC/DC Converters
- AC/DC Converters

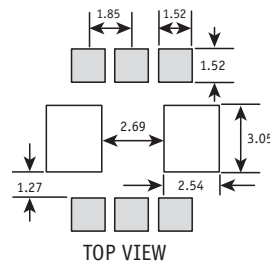
PACKAGING

- Reel Diameter: 13"
- Reel Width: 16mm
- Pieces Per Reel: 1,200 pcs

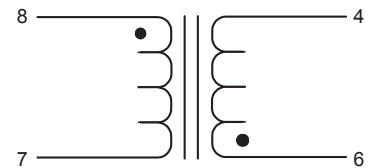
Mechanical



Recommend PCB Layout



Schematic



Electrical Specifications

Part Number	Turns Ratio	Ls ¹ (μH, min.)	Rs (Ω, max.)	Terminating ⁵ Resistor (Ω)	Hi-Pot
CT04-050	1:50	352	0.90	2.50	500
CT04-070	1:70	690	1.70	3.50	500
CT04-100	1:100	1,400	3.00	5.00	500
CT04-125	1:125	2,200	5.00	6.25	500

1. Tested @ 10kHz, 1 Vrms.
2. Electrical specifications at 25°C.
3. Operating temperature range: -40°C to +130°C.
4. Meets UL 94V-0.
5. Terminating resistor for 1 volt out with 20 Amps AC flowing through the primary.



Mouser Electronics

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[ICE Components:](#)

[CT04-070](#) [CT04-125](#)