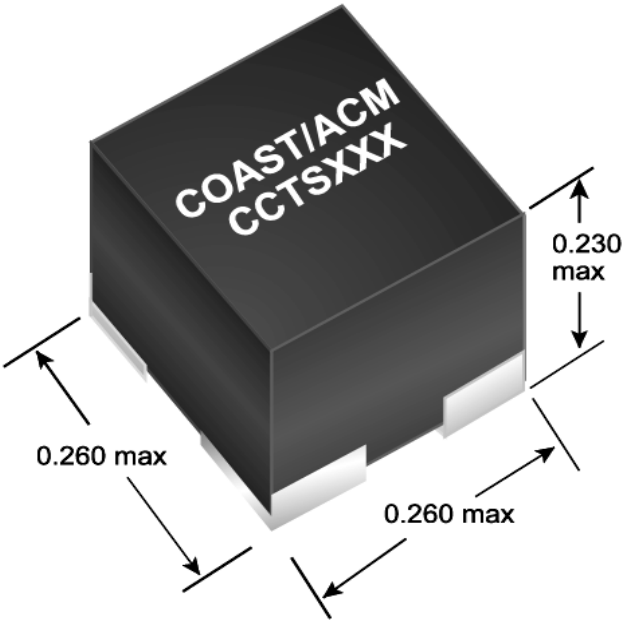
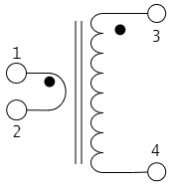
Current Transformers – CCTS100 Series

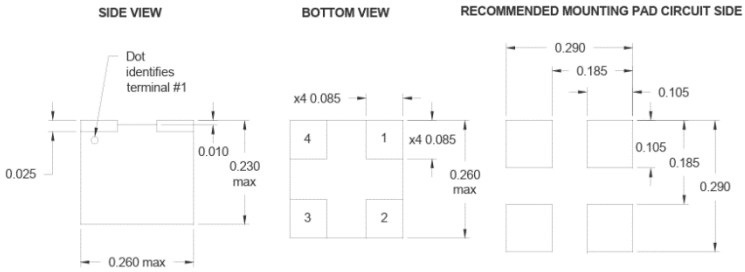




BACK-SIDE VIEW



IN	MM
0.290	7.37
0.260	6.60
0.230	5.84
0.185	4.70
0.105	2.67
0.085	2.16
0.025	0.64
0.010	0.25



SPECIFICATIONS

- **Operating Temperature:** -55°C to +125°C
- **Storage Temperature:** -60°C to +130°C
- **Standard Termination Finish:** Tin-lead
- **Weight:** 35.4 gram, maximum

FEATURES

- Transfer Molded Package
- Marking: Laser or Ink
- Leadless device for minimum footprint
- Internal Welded Terminations
- Low EMI Radiation
- Low Thermal Expansion permits mounting on most substrate materials
- Tape and Reel Packaging available (additional charge)
  - Full Reel Quantity (Small): 300 pieces
  - Full Reel Quantity (Large): 1000 pieces
- Available for Military Application per MIL-PRF-27 (see CTS100 Series)
- Available for Space Application per MIL-STD-981 (see SCTS100 Series)

APPLICATIONS

Designed for optimal performance in commercial applications, these inductors ensure consistent electrical behavior, maintaining signal integrity and reducing interference

Suitable for telecommunications, consumer electronics, and industrial automation, they offer both reliability and precision. Robust construction ensures longevity, positioning these inductors as a preferred choice for diverse commercial endeavors

PART IDENTIFYING NUMBER

CCTS001

Coast/ACM Part Number

K: Inductance Tolerance

M: ±20% K: ±10% J: ±5%

Current Transformers – CCTS100 Series

Part Number	Current Peak Max (A)	Volt-Sec Min (v-µsec)	DCR Max (Ω)	Inductance Reference (mH)	Turns Ratio
CCTS101	5	20	0.85	2.80	1 : 50
CCTS102	5	20	1.20	5.70	1 : 100
CCTS103	5	40	5.60	23.00	1 : 200