

CTMPE100804F Series

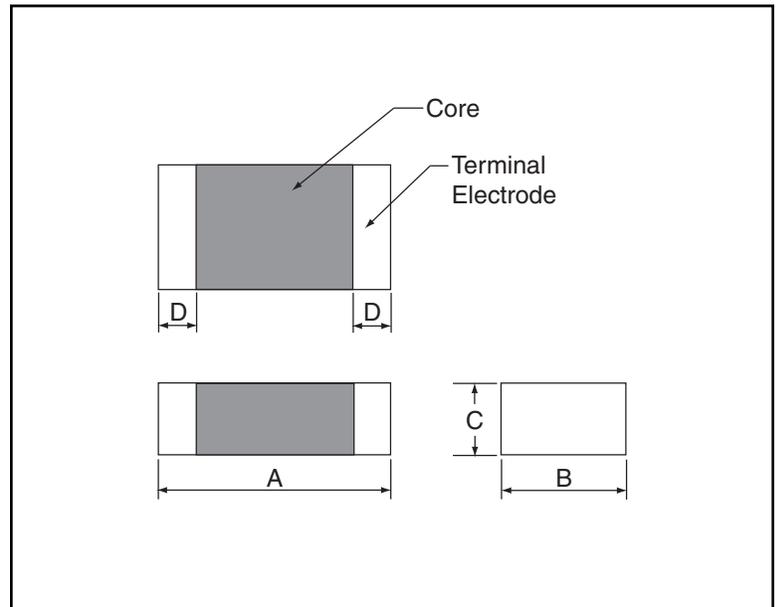
SPECIFICATIONS

Part Number	Inductance (μH)	Tolerance (±%)	Test Frequency (MHz)	DCR Max.(Typ.) (mΩ)	Isat Max.(Typ.) (A)	Irms Max.(Typ.) (A)
CTMPE100804F-1R0M	1.0	20	2	30(25)	4.7(5.0)	4.2(4.4)



PHYSICAL DIMENSIONS

Size	A	B	C Max.	D
mm	2.5±0.2	2.00±0.2	1.0	0.6±0.3
inches	0.10±0.008	0.08±0.008	0.039	0.02±0.012



CHARACTERISTICS

- Description:** SMD shielded molded power inductor
- Applications:** Smartphones, tablets, wearable devices, PC peripheral devices, camcorders, and DC/DC converters
- Operating Temperature:** -40°C to 125°C (including self-temperature rise)
- Inductance Tolerance:** ±20%
- Isat:** Inductance drop 30% from its value without current
- Irms:** A 40°C temperature rise from 25°C ambient with current
- Packaging:** Tape & Reel
- Miscellaneous:** RoHS Compliant
- Additional Information:** Additional electrical & physical information available upon request
- Samples available. See website for ordering information.**

PAD LAYOUT

