Size

D

CTMPE100804F Series

SPECIFICATIONS

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

PHYSICAL DIMENSIONS

C

В



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%

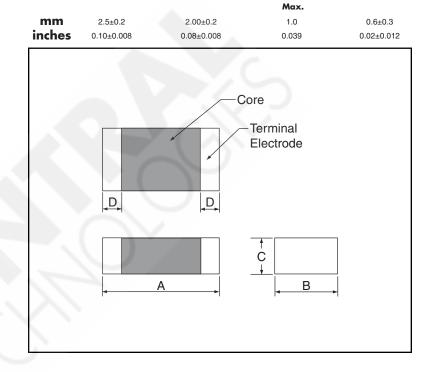
Isat: Inductance drop 30% from its value without current **Irms:** A 40°C temperature rise from 25°C ambient with current

Packaging: Tape & Reel Miscellaneous: RoHS Compliant

Additional Information: Additional electrical & physical

information available upon request

Samples available. See website for ordering information.



PAD LAYOUT

