

CTMLP080604BF

Series

From 0.24µH to 2.2µH



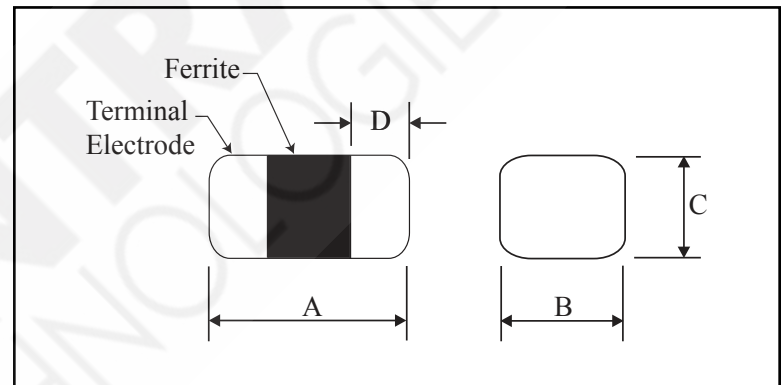
SPECIFICATIONS

Please specify tolerance code when ordering.
CTMLP080604BF-R47_ ← M = ±20%, N = ±30%

| Part Number | Inductance (µH) | Test Frequency | DCR ±25% (Ω) | Isat Max.(Typ.) (mA) | Irms Max.(Typ.) (mA) |
|--------------------|-----------------|----------------|--------------|----------------------|----------------------|
| CTMLP080604BF-R24_ | 0.24 | 3.0MHz, 200mV | 0.023 | 3600(4000) | 3500(4200) |
| CTMLP080604BF-R47_ | 0.47 | 3.0MHz, 200mV | 0.037 | 2500(2900) | 2600(3100) |
| CTMLP080604BF-R68_ | 0.68 | 3.0MHz, 200mV | 0.065 | 2500(2800) | 2400(2800) |
| CTMLP080604BF-1R0_ | 1.0 | 3.0MHz, 200mV | 0.068 | 1500(1900) | 2200(2600) |
| CTMLP080604BF-1R5_ | 1.5 | 3.0MHz, 200mV | 0.100 | 1500(1800) | 1600(1900) |
| CTMLP080604BF-2R2_ | 2.2 | 3.0MHz, 200mV | 0.210 | 1000(1300) | 1500(1800) |

PHYSICAL DIMENSIONS

| Size | A | B | C Max. | D |
|--------|---------------|---------------|-----------|---------------|
| mm | 2.0 ± 0.20 | 1.6 ± 0.20 | 1.00 | 0.5 ± 0.3 |
| inches | 0.079 ± 0.008 | 0.063 ± 0.008 | 0.039 | 0.020 ± 0.012 |



CHARACTERISTICS

Description: SMD Multi-layer Power Chip Inductor. Magnetically shielded.

Applications: Cellular phones, Power modules, DC/DC converters, Digital cameras, DVD, Portable devices, etc.

Operating Temperature: -55°C to 125°C (including self - temp. rise).

Isat: Inductance drop 30% from its value with current.

Irms: 40°C temperature rise from 25°C ambient with current.

Inductance Tolerance: ±20% (M), ±30% (N)

Packaging: Tape & Reel.

Miscellaneous: **RoHS Compliant.**

Additional Information: Additional electrical & physical information available upon request.

Samples available. See website for ordering information.

PAD LAYOUT

