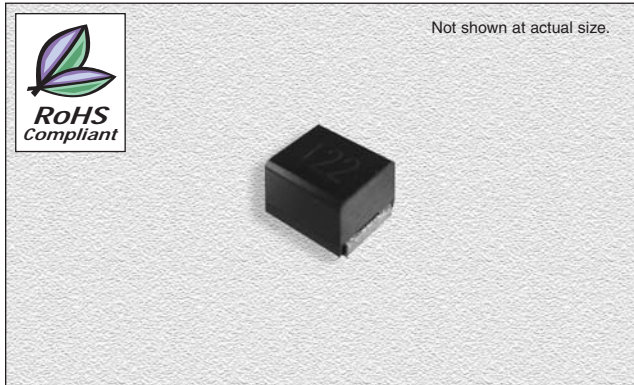


CTMC2220F Series

From 1,200 μH to 10,000 μH

SPECIFICATIONS

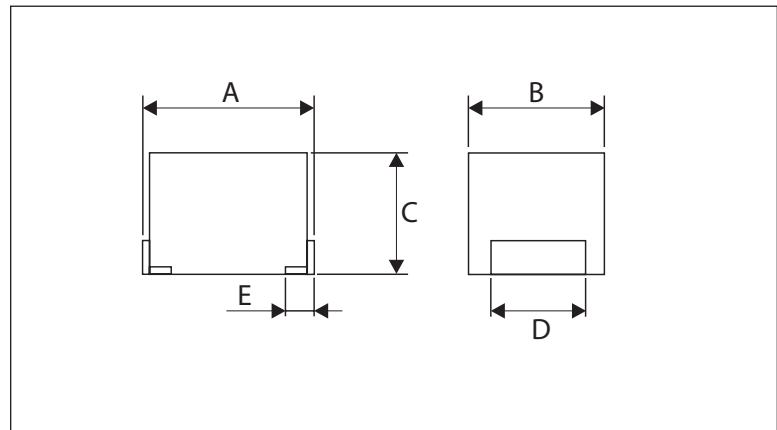
Please specify tolerance code when ordering.
CTMC2220F-122_ ← J = $\pm 5\%$, K = $\pm 10\%$



| Part Number | Inductance (μH) | L Test Freq. (MHz) | Q Fact. Min. | Q Test Freq. (MHz) | SRF Min. (MHz) | DCR Max. (Ω) | Rated DC (mA) |
|----------------|------------------------------|--------------------|--------------|--------------------|----------------|-----------------------|---------------|
| CTMC2220F-122_ | 1200 | .252 | 20 | .252 | 1.5 | 17 | 75 |
| CTMC2220F-152_ | 1500 | .252 | 20 | .252 | 1.4 | 20 | 70 |
| CTMC2220F-182_ | 1800 | .252 | 20 | .252 | 1.3 | 30 | 60 |
| CTMC2220F-222_ | 2200 | .252 | 20 | .252 | 1.2 | 35 | 55 |
| CTMC2220F-272_ | 2700 | .252 | 20 | .252 | 1.1 | 55 | 45 |
| CTMC2220F-332_ | 3300 | .252 | 20 | .252 | 1.0 | 60 | 40 |
| CTMC2220F-392_ | 3900 | .252 | 20 | .252 | 1.0 | 70 | 38 |
| CTMC2220F-472_ | 4700 | .252 | 20 | .252 | 0.9 | 78 | 36 |
| CTMC2220F-562_ | 5600 | .252 | 20 | .252 | 0.8 | 85 | 33 |
| CTMC2220F-682_ | 6800 | .252 | 20 | .252 | 0.7 | 110 | 30 |
| CTMC2220F-822_ | 8200 | .252 | 20 | .252 | 0.6 | 125 | 28 |
| CTMC2220F-103_ | 10000 | .0796 | 15 | .0796 | 0.5 | 150 | 25 |

PHYSICAL DIMENSIONS

| Size | A Max. | B Max. | C Max. | D | E |
|--------|--------|--------|--------|-------------------|-------------------|
| mm | 5.9 | 5.2 | 4.2 | 4 \pm 0.2 | 0.7 \pm 0.2 |
| inches | 0.232 | 0.205 | 0.165 | 0.157 \pm 0.008 | 0.028 \pm 0.008 |



CHARACTERISTICS

Description: Ferrite core, wire-wound molded chip inductor

Applications: TV's, VCR's, disk drives, computer peripherals, telecommunication devices and electronic control boards for automobiles

Operating Temperature: -25°C to +85°C

Inductance Tolerance: $\pm 5\%$, $\pm 10\%$

Testing: Inductance and Q are tested on an HP4285A at specified frequency

Packaging: Tape & Reel

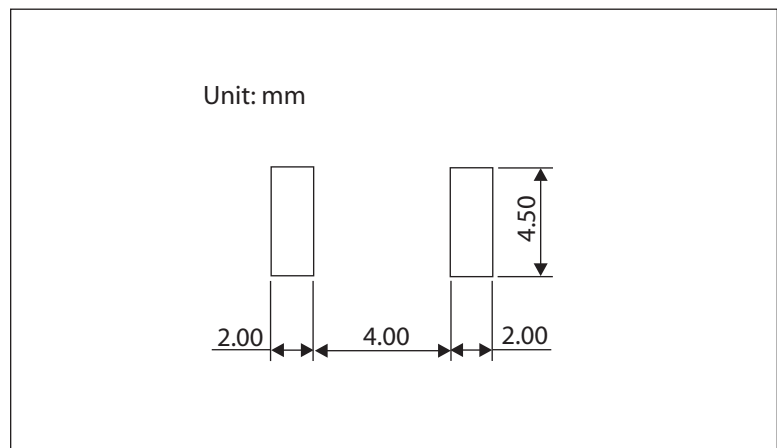
Part Marking: Inductance code.

Miscellaneous: RoHS Compliant.

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

LAND PATTERN



12.09.08