# CTM4F Series

## From 1,100µH to 3,600µH




## CHARACTERISTICS

**Description:** Axial leaded molded inductor
**Applications:** Used for various kinds of OSC and TRAP coils. Ideal for various RF applications.
**Operating Temperature:** -55°C to +105°C
**Inductance Tolerance:** ±5%, ±10%
**Testing:** Inductance is tested on a HP4342A & HP4285A
**Packaging:** Bulk pack or Tape & Reel, 1,000 parts per reel
**Marking:** Parts are marked with inductance code
**Rated Current:** Based on the inductance change within 10% of initial value
**Miscellaneous:** RoHS Compliant
**Samples available. See website for ordering information.**

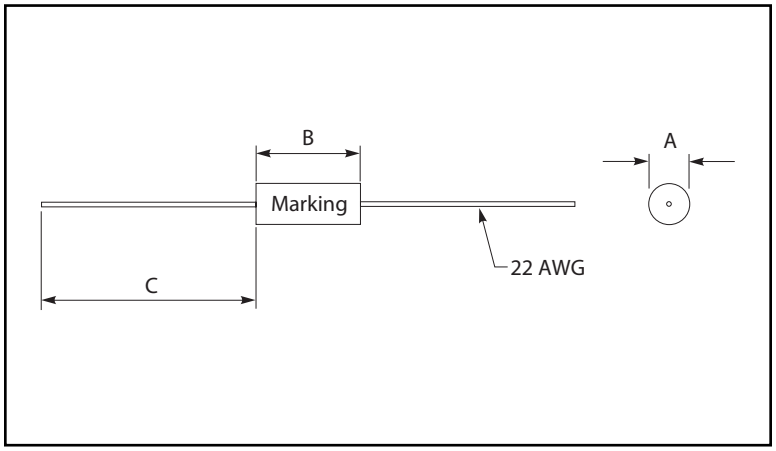
## SPECIFICATIONS

**Please specify inductance tolerance when ordering.**
**CTM4F-112_ ← J = ±5%, K = ±10%**

| Part Number | Inductance (µH) | Q Min. | L & Q Test Freq. (MHz) | DCR Max. (Ω) | SRF Min. (MHz) | Current Rating DC (mA) |
|---|---|---|---|---|---|---|
| CTM4F-112_ | 1100 | 60 | 0.25MHz | 21.0 | 2.8 | 78 |
| CTM4F-122_ | 1200 | 60 | 0.25MHz | 22.0 | 2.7 | 76 |
| CTM4F-132_ | 1300 | 60 | 0.25MHz | 23.0 | 2.6 | 75 |
| CTM4F-152_ | 1500 | 65 | 0.25MHz | 25.0 | 2.4 | 72 |
| CTM4F-162_ | 1600 | 65 | 0.25MHz | 26.0 | 2.3 | 70 |
| CTM4F-182_ | 1800 | 65 | 0.25MHz | 28.0 | 2.2 | 68 |
| CTM4F-202_ | 2000 | 65 | 0.25MHz | 29.0 | 2.1 | 67 |
| CTM4F-222_ | 2200 | 70 | 0.25MHz | 30.0 | 2.0 | 66 |
| CTM4F-242_ | 2400 | 70 | 0.25MHz | 31.0 | 1.9 | 64 |
| CTM4F-272_ | 2700 | 70 | 0.25MHz | 33.0 | 1.8 | 62 |
| CTM4F-302_ | 3000 | 70 | 0.25MHz | 35.0 | 1.7 | 61 |
| CTM4F-332_ | 3300 | 70 | 0.25MHz | 38.0 | 1.6 | 58 |
| CTM4F-362_ | 3600 | 70 | 0.25MHz | 40.0 | 1.5 | 57 |

## PHYSICAL DIMENSIONS

| Size | A | B | C Nom. |
|---|---|---|---|
| mm | 5.59±0.25 | 14.22±0.25 | 29.21 |
| inches | 0.22±0.010 | 0.56±0.010 | 1.15 |





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