

## CTM4F Series

From 1,100 $\mu$ H to 3,600 $\mu$ H



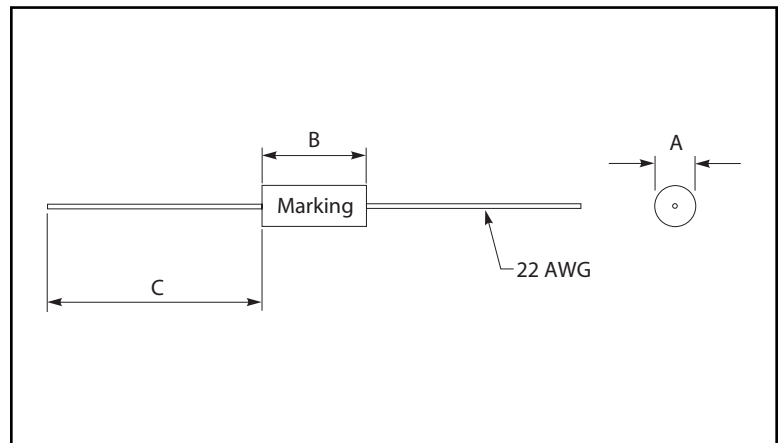
### SPECIFICATIONS

Please specify inductance tolerance when ordering.  
CTM4F-112\_ ← J =  $\pm 5\%$ , K =  $\pm 10\%$

| Part Number | Inductance ( $\mu$ H) | Q Min. | L & Q Test Freq. (MHz) | DCR Max. ( $\Omega$ ) | 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 $\pm$ 0.25  | 14.22 $\pm$ 0.25 | 29.21 |
| inches | 0.22 $\pm$ 0.010 | 0.56 $\pm$ 0.010 | 1.15  |



### 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:**  $\pm 5\%$ ,  $\pm 10\%$

**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.