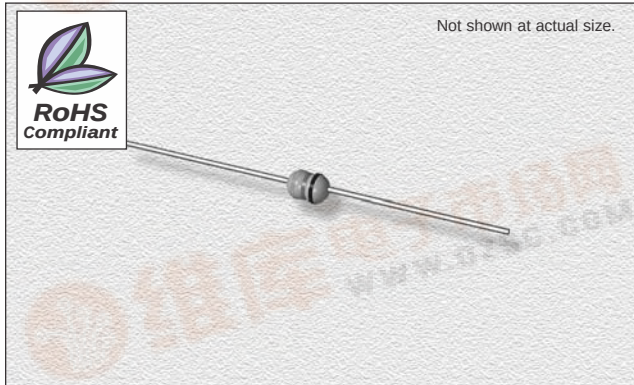


查询"CTC0F-151M"供应商

## CTC0F Series

From .22  $\mu$ H to 220  $\mu$ H



### CHARACTERISTICS

**Description:** Axial leaded conformal coated inductor

**Applications:** Used in less harsh environments. Ideal for less critical RFL/EMI applications

**Operating Temperature:** -55°C to +125°C

**Inductance Tolerance:**  $\pm 5\%$ ,  $\pm 10\%$ ,  $\pm 20\%$

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

**Packaging:** Bulk, 1000 pieces per bag, Tape & Reel - 5000 pieces per reel

**Material:** Magnetic core treated with epoxy resin for protection and longer reliability

**Marking:** Parts are EIA three color banded indicating inductance value and tolerance

**Miscellaneous:** RoHS Compliant. Other values available.

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

**Samples available. See website for ordering information.**

### SPECIFICATIONS

Please specify tolerance code when ordering.  
CTC0F-R22\_  $\leftarrow$  J =  $\pm 5\%$ , K =  $\pm 10\%$ , M =  $\pm 20\%$

| Part Number | Inductance ( $\mu$ H) | L Test Freq. (MHz) | Q Factor Min. | Q Test Freq. (MHz) | SRF Min. (MHz) | DCR Max. ( $\Omega$ ) | Rated DC (mA) |
|-------------|-----------------------|--------------------|---------------|--------------------|----------------|-----------------------|---------------|
| CTC0F-R22_  | .22                   | 25.2               | 42            | 25.2               | 150            | .40                   | 400           |
| CTC0F-R27_  | .27                   | 25.2               | 42            | 25.2               | 150            | .43                   | 380           |
| CTC0F-R33_  | .33                   | 25.2               | 42            | 25.2               | 150            | .48                   | 370           |
| CTC0F-R39_  | .39                   | 25.2               | 42            | 25.2               | 150            | .51                   | 350           |
| CTC0F-R47_  | .47                   | 25.2               | 42            | 25.2               | 150            | .56                   | 330           |
| CTC0F-R56_  | .56                   | 25.2               | 42            | 25.2               | 150            | .61                   | 320           |
| CTC0F-R68_  | .68                   | 25.2               | 50            | 25.2               | 150            | .67                   | 310           |
| CTC0F-R82_  | .82                   | 25.2               | 50            | 25.2               | 150            | .71                   | 290           |
| CTC0F-1R0_  | 1.0                   | 25.2               | 50            | 25.2               | 150            | .80                   | 270           |
| CTC0F-1R2_  | 1.2                   | 7.96               | 50            | 7.96               | 110            | .90                   | 260           |
| CTC0F-1R5_  | 1.5                   | 7.96               | 50            | 7.96               | 80             | 1.00                  | 250           |
| CTC0F-1R8_  | 1.8                   | 7.96               | 50            | 7.96               | 80             | 1.10                  | 240           |
| CTC0F-2R2_  | 2.2                   | 7.96               | 50            | 7.96               | 45             | 1.20                  | 230           |
| CTC0F-2R7_  | 2.7                   | 7.96               | 50            | 7.96               | 40             | 1.30                  | 220           |
| CTC0F-3R3_  | 3.3                   | 7.96               | 55            | 7.96               | 38             | 1.40                  | 210           |
| CTC0F-3R9_  | 3.9                   | 7.96               | 55            | 7.96               | 35             | 1.60                  | 200           |
| CTC0F-4R7_  | 4.7                   | 7.96               | 55            | 7.96               | 32             | 1.70                  | 190           |
| CTC0F-5R6_  | 5.6                   | 7.96               | 55            | 7.96               | 30             | 1.90                  | 180           |
| CTC0F-6R8_  | 6.8                   | 7.96               | 55            | 7.96               | 28             | 2.00                  | 175           |
| CTC0F-8R2_  | 8.2                   | 7.96               | 55            | 7.96               | 26             | 2.20                  | 165           |
| CTC0F-100_  | 10                    | 7.96               | 55            | 7.96               | 24             | 2.50                  | 160           |
| CTC0F-120_  | 12                    | 2.52               | 55            | 2.52               | 22             | 2.50                  | 150           |
| CTC0F-150_  | 15                    | 2.52               | 55            | 2.52               | 20             | 2.80                  | 145           |
| CTC0F-180_  | 18                    | 2.52               | 55            | 2.52               | 18             | 3.10                  | 140           |
| CTC0F-220_  | 22                    | 2.52               | 55            | 2.52               | 17             | 3.40                  | 130           |
| CTC0F-270_  | 27                    | 2.52               | 55            | 2.52               | 16             | 4.30                  | 80            |
| CTC0F-330_  | 33                    | 2.52               | 55            | 2.52               | 14             | 4.70                  | 76            |
| CTC0F-390_  | 39                    | 2.52               | 55            | 2.52               | 13             | 5.20                  | 74            |
| CTC0F-470_  | 47                    | 2.52               | 55            | 2.52               | 12             | 5.80                  | 70            |
| CTC0F-560_  | 56                    | 2.52               | 55            | 2.52               | 11             | 6.40                  | 68            |
| CTC0F-680_  | 68                    | 2.52               | 55            | 2.52               | 10             | 7.20                  | 64            |
| CTC0F-820_  | 82                    | 2.52               | 55            | 2.52               | 9.5            | 11.0                  | 46            |
| CTC0F-101_  | 100                   | .796               | 55            | .796               | 9.0            | 12.0                  | 44            |
| CTC0F-121_  | 120                   | .796               | 55            | .796               | 8.0            | 13.0                  | 43            |
| CTC0F-151_  | 150                   | .796               | 55            | .796               | 6.0            | 16.0                  | 40            |
| CTC0F-181_  | 180                   | .796               | 55            | .796               | 5.5            | 18.0                  | 38            |
| CTC0F-221_  | 220                   | .796               | 55            | .796               | 5.0            | 20.0                  | 35            |

### PHYSICAL DIMENSIONS

| Size   | A     | B               | C    | 24 AWG |
|--------|-------|-----------------|------|--------|
| mm     | 3.4   | 2.2 $\pm$ 0.2   | 26.6 | 0.5110 |
| inches | 0.135 | 0.09 $\pm$ 0.01 | 1.05 | 0.2010 |

