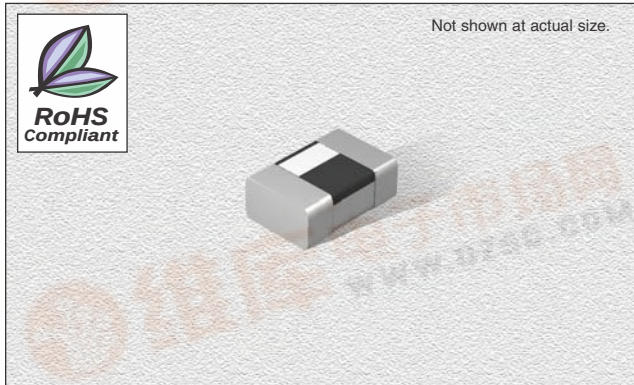


查询"CTTF0603F-1N2C"供应商

## CTTF0603F Series

From 1.0 nH to 68 nH



## CHARACTERISTICS

**Description:** SMD thin film chip inductors**Applications:** Cellular Telephone, pagers, GPS products, wireless LAN and other communication appliances, VCO, TCXO circuit and RF Transceiver Module**Operating Temperature:** -40°C to +85°C**Inductance Tolerance:**  $\pm 0.1\text{nH}$ ,  $\pm 0.2\text{nH}$  &  $\pm 2\%$ **Testing:** Tested on a HP4287A at 300 MHz**Packaging:** Tape & Reel**Miscellaneous:** RoHS Compliant.**Marking:** Reels are marked with inductance code and tolerance**Additional Information:** Additional electrical & physical information available upon request**Samples available. See website for ordering information.**

## SPECIFICATIONS

Please specify tolerance code when ordering.

CTTF0603F-1N0\_  $\leftarrow$  B =  $\pm 0.1\text{nH}$ , C =  $\pm 0.2\text{nH}$ , G =  $\pm 2\%$ 

\* = B or C only

| Part Number     | Inductance (nH) | L Test Freq. (MHz) | Q Min. | Q Test Freq. (MHz) | DCR Max. ( $\Omega$ ) | Rated DC Max. (mA) | SRF Min. (GHz) |
|-----------------|-----------------|--------------------|--------|--------------------|-----------------------|--------------------|----------------|
| CTTF0603F-1N0_* | 1.0             | 300                | 17     | 300                | 0.2                   | 800                | 6              |
| CTTF0603F-1N2_* | 1.2             | 300                | 17     | 300                | 0.2                   | 800                | 6              |
| CTTF0603F-1N5_* | 1.5             | 300                | 17     | 300                | 0.2                   | 800                | 6              |
| CTTF0603F-1N8_* | 1.8             | 300                | 17     | 300                | 0.2                   | 300                | 6              |
| CTTF0603F-2N2_* | 2.2             | 300                | 17     | 300                | 0.2                   | 300                | 6              |
| CTTF0603F-2N7_* | 2.7             | 300                | 17     | 300                | 0.2                   | 300                | 6              |
| CTTF0603F-3N3_* | 3.3             | 300                | 17     | 300                | 0.2                   | 300                | 6              |
| CTTF0603F-3N9_* | 3.9             | 300                | 17     | 300                | 0.2                   | 300                | 6              |
| CTTF0603F-4N7_* | 4.7             | 300                | 17     | 300                | 0.2                   | 300                | 5              |
| CTTF0603F-5N6_* | 5.6             | 300                | 17     | 300                | 0.5                   | 300                | 5              |
| CTTF0603F-6N8_* | 6.8             | 300                | 17     | 300                | 0.5                   | 300                | 5              |
| CTTF0603F-8N2_* | 8.2             | 300                | 17     | 300                | 0.5                   | 300                | 4              |
| CTTF0603F-10NG  | 10              | 300                | 15     | 300                | 1.0                   | 300                | 4              |
| CTTF0603F-12NG  | 12              | 300                | 15     | 300                | 1.0                   | 300                | 3              |
| CTTF0603F-15NG  | 15              | 300                | 15     | 300                | 1.0                   | 300                | 3              |
| CTTF0603F-18NG  | 18              | 300                | 15     | 300                | 2.0                   | 300                | 2              |
| CTTF0603F-22NG  | 22              | 300                | 15     | 300                | 2.0                   | 250                | 2              |
| CTTF0603F-27NG  | 27              | 300                | 15     | 300                | 2.0                   | 250                | 2              |
| CTTF0603F-33NG  | 33              | 300                | 15     | 300                | 2.0                   | 250                | 1.5            |
| CTTF0603F-39NG  | 39              | 300                | 15     | 300                | 3.0                   | 200                | 1.5            |
| CTTF0603F-47NG  | 47              | 300                | 15     | 300                | 3.0                   | 200                | 1.5            |
| CTTF0603F-56NG  | 56              | 300                | 15     | 300                | 5.0                   | 150                | 1              |
| CTTF0603F-68NG  | 68              | 300                | 15     | 300                | 5.0                   | 150                | 1              |

## PHYSICAL DIMENSIONS

| Size   | A                | B                | C                | D                |
|--------|------------------|------------------|------------------|------------------|
| mm     | $1.6 \pm 0.1$    | $0.8 \pm 0.1$    | $0.45 \pm 0.1$   | $0.3 \pm 0.2$    |
| inches | $0.06 \pm 0.004$ | $0.03 \pm 0.004$ | $0.02 \pm 0.004$ | $0.01 \pm 0.008$ |

