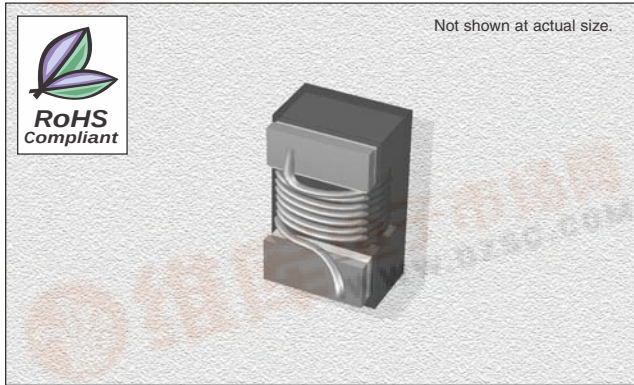


查询"CT0805LSF-272K"供应商

# CT0805LSF Series

From 78 nH to 47000 nH



## SPECIFICATIONS

Please specify tolerance code when ordering.  
CT0805LSF-78N\_ ← J = ±5%, K = ±10%

| Part Number    | Inductance (nH) | L Test Freq. (MHz) | Q Fact. Min. | Q Test Freq. (MHz) | SRF Typ. (MHz) | DCR Max. (Ω) | Rated DC (mA) |
|----------------|-----------------|--------------------|--------------|--------------------|----------------|--------------|---------------|
| CT0805LSF-78N_ | 78              | 7.9                | 19           | 7.9                | 1440           | 0.06         | 2000          |
| CT0805LSF-111_ | 110             | 7.9                | 19           | 7.9                | 1200           | 0.07         | 2000          |
| CT0805LSF-471_ | 470             | 7.9                | 19           | 7.9                | 480            | 0.40         | 800           |
| CT0805LSF-681_ | 680             | 7.9                | 20           | 7.9                | 480            | 0.40         | 800           |
| CT0805LSF-102_ | 1000            | 7.9                | 20           | 7.9                | 400            | 0.69         | 700           |
| CT0805LSF-122_ | 1200            | 7.9                | 20           | 7.9                | 330            | 0.83         | 700           |
| CT0805LSF-152_ | 1500            | 7.9                | 20           | 7.9                | 330            | 0.83         | 700           |
| CT0805LSF-182_ | 1800            | 7.9                | 20           | 7.9                | 300            | 1.00         | 650           |
| CT0805LSF-222_ | 2200            | 7.9                | 20           | 7.9                | 250            | 1.10         | 650           |
| CT0805LSF-272_ | 2700            | 7.9                | 23           | 7.9                | 200            | 1.25         | 650           |
| CT0805LSF-332_ | 3300            | 7.9                | 23           | 7.9                | 160            | 1.45         | 650           |
| CT0805LSF-392_ | 3900            | 7.9                | 23           | 7.9                | 90             | 1.50         | 600           |
| CT0805LSF-472_ | 4700            | 7.9                | 20           | 7.9                | 70             | 1.60         | 530           |
| CT0805LSF-562_ | 5600            | 7.9                | 20           | 7.9                | 65             | 1.70         | 500           |
| CT0805LSF-682_ | 6800            | 7.9                | 20           | 7.9                | 45             | 1.95         | 470           |
| CT0805LSF-822_ | 8200            | 2.5                | 16           | 2.5                | 45             | 2.10         | 450           |
| CT0805LSF-103_ | 10000           | 2.5                | 16           | 2.5                | 40             | 2.40         | 400           |
| CT0805LSF-123_ | 12000           | 2.5                | 16           | 2.5                | 38             | 3.20         | 360           |
| CT0805LSF-153_ | 15000           | 2.5                | 16           | 2.5                | 35             | 3.55         | 350           |
| CT0805LSF-183_ | 18000           | 2.5                | 16           | 2.5                | 25             | 4.90         | 300           |
| CT0805LSF-223_ | 22000           | 2.5                | 16           | 2.5                | 20             | 5.45         | 270           |
| CT0805LSF-273_ | 27000           | 2.5                | 16           | 2.5                | 19             | 7.80         | 240           |
| CT0805LSF-473_ | 47000           | 2.5                | 16           | 2.5                | 15             | 14.5         | 180           |

## CHARACTERISTICS

**Description:** SMD ferrite core wire-wound chip inductor

**Applications:** LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, disk drives and computer peripherals, audio and video equipment, TV, radio and telecommunication equipment

**Operating Temperature:** -25°C to +85°C

**Inductance Tolerance:** ±5%, ±10%

**Testing:** Inductance and Q tested on an HP4287A at specified frequency.

**Packaging:** Tape & Reel

**Marking:** Reel label indicates inductance code and tolerance

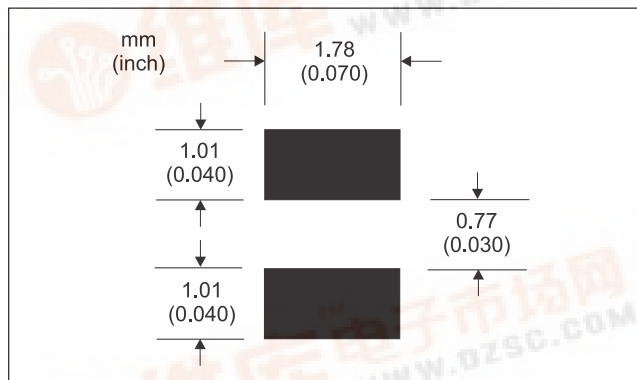
**Miscellaneous:** RoHS Compliant.

**Miscellaneous:** Additional values available

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

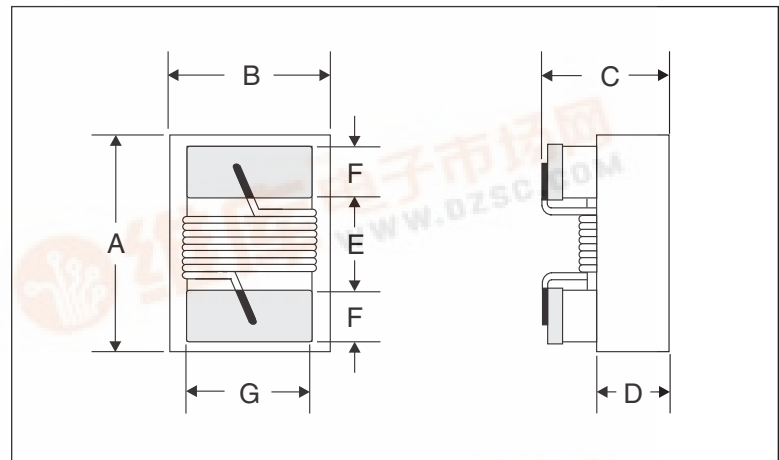
**Samples available. See website for ordering information.**

## PAD LAYOUT



## PHYSICAL DIMENSIONS

| Size   | A Max. | B Max. | C Max. | D Ref. | E     | F     | G     |
|--------|--------|--------|--------|--------|-------|-------|-------|
| mm     | 2.29   | 1.60   | 1.52   | 0.70   | 1.02  | 0.50  | 1.27  |
| inches | 0.090  | 0.063  | 0.060  | 0.028  | 0.040 | 0.020 | 0.050 |



11.13.07

Manufacturer of Passive and Discrete Semiconductor Components

800-684-5322 Inside US

949-453-1811 Outside US

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