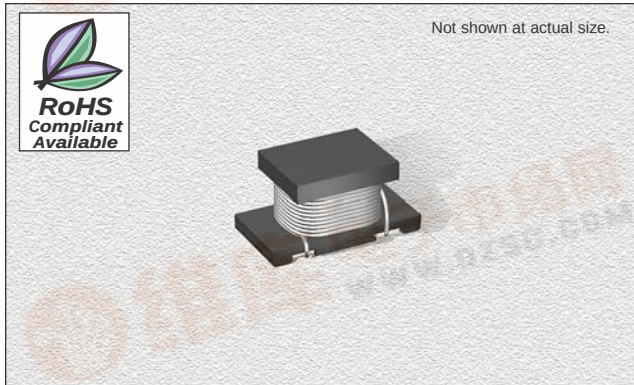


查询"CTLQ1210CE-470K"供应商

# CTLQ1210C Series

## From 1.0 $\mu\text{H}$ to 560 $\mu\text{H}$



### CHARACTERISTICS

**Description:** SMD power inductor**Applications:** Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.**Operating Temperature:** -40°C to +85°C**Inductance Tolerance:** K =  $\pm 10\%$  & M =  $\pm 20\%$ **Packaging:** Tape & Reel**Miscellaneous:** RoHS Compliant available.**Testing:** Tested on a HP4285A @ specified frequency**Pads:** Soft copper and pre-tinned**Additional Information:** Additional electrical & physical information available upon request**Samples available. See website for ordering information.**

### SPECIFICATIONS

Part numbers indicate available tolerance.

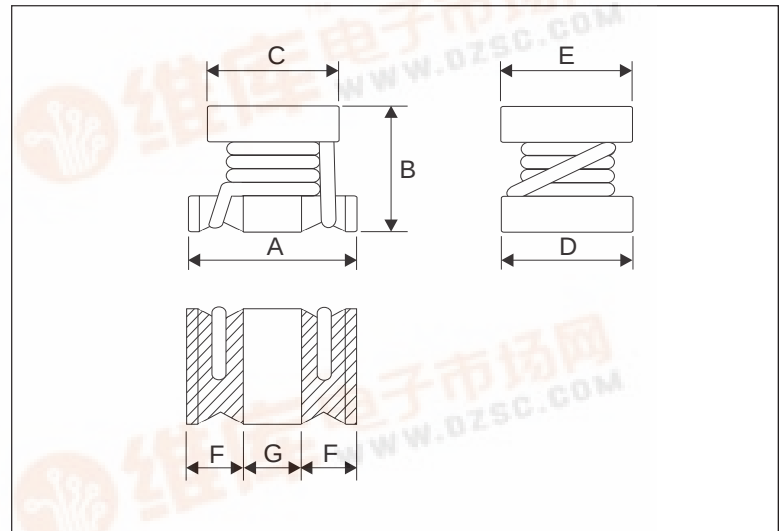
K =  $\pm 10\%$ , M =  $\pm 20\%$ 

CTLQ1210CE Please specify "F" for RoHS compliant

| Part Number     | Inductance ( $\mu\text{H}$ ) | Test Freq. (Hz) | DCR ( $\Omega$ ) Max. | SRF (MHz) Min. | Rated DC (mA) Max. |
|-----------------|------------------------------|-----------------|-----------------------|----------------|--------------------|
| CTLQ1210C_-1R0M | 1.0                          | 1M              | 0.12                  | 96             | 800                |
| CTLQ1210C_-2R2M | 2.2                          | 1M              | 0.18                  | 64             | 600                |
| CTLQ1210C_-4R7M | 4.7                          | 1M              | 0.28                  | 43             | 450                |
| CTLQ1210C_-100K | 10                           | 1M              | 0.6                   | 26             | 300                |
| CTLQ1210C_-220K | 22                           | 1M              | 0.95                  | 19             | 250                |
| CTLQ1210C_-470K | 47                           | 1M              | 1.8                   | 15             | 170                |
| CTLQ1210C_-101K | 100                          | 1M              | 5.0                   | 10             | 100                |
| CTLQ1210C_-221K | 220                          | 1M              | 12                    | 6.8            | 70                 |
| CTLQ1210C_-331K | 330                          | 1M              | 14                    | 5.6            | 60                 |
| CTLQ1210C_-391K | 390                          | 1M              | 23                    | 5.0            | 60                 |
| CTLQ1210C_-471K | 470                          | 1K              | 26                    | 5.0            | 60                 |
| CTLQ1210C_-561K | 560                          | 1K              | 30                    | 5.0            | 60                 |

### PHYSICAL DIMENSIONS

| Size   | A               | B                | C                | D                | E                | F Min. | G Min. |
|--------|-----------------|------------------|------------------|------------------|------------------|--------|--------|
| mm     | 3.2 $\pm$ 0.3   | 2.0 $\pm$ 0.2    | 2.5 $\pm$ 0.2    | 2.5 $\pm$ 0.2    | 2.5 $\pm$ 0.2    | 0.7    | 0.7    |
| inches | 0.13 $\pm$ 0.01 | 0.08 $\pm$ 0.008 | 0.10 $\pm$ 0.008 | 0.10 $\pm$ 0.008 | 0.10 $\pm$ 0.008 | 0.03   | 0.03   |



02.15.05

Manufacturer of Inductors, Chokes, Coils, Beads, Transformers &amp; Toroids

800-684-5322 Inside US

949-453-1811 Outside US

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