

查询"CTGS73F-270K"供应商

# CTGS73 Series

From 10  $\mu\text{H}$  to 330  $\mu\text{H}$



## CHARACTERISTICS

**Description:** SMD power inductor

**Applications:** VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters

**Operating Temperature:** -30°C to +100°C

**Inductance Tolerance:**  $\pm 10\%$ ,  $\pm 15\%$ ,  $\pm 20\%$  &  $\pm 30\%$

**Testing:** Inductance is tested on an HP4285A at specified frequency

**Packaging:** Tape & Reel

**Marking:** Marked with inductance code

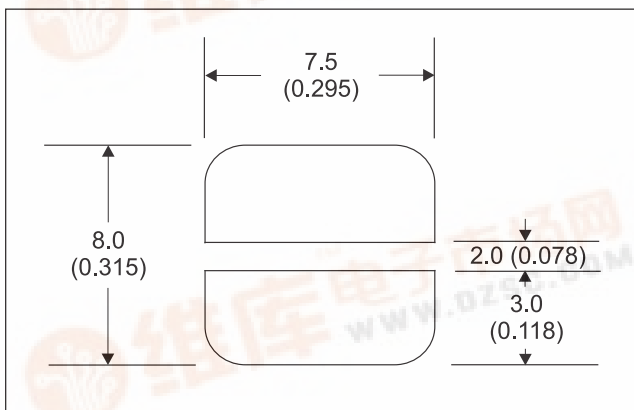
**Premissible Current:** The value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current when at  $\Delta T = 40^\circ\text{C}$  whichever is lower

**Miscellaneous:** RoHS Compliant available

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

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

## PAD LAYOUT



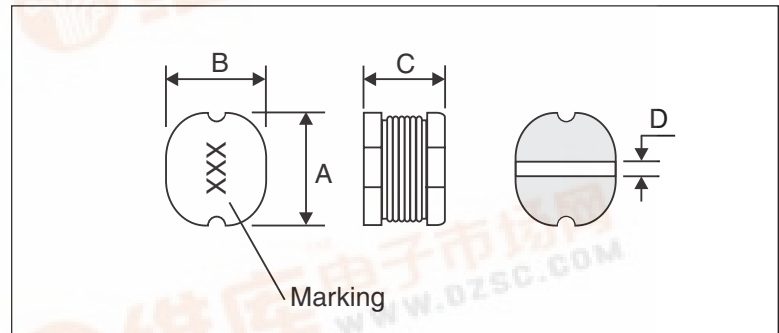
## SPECIFICATIONS

Parts specify tolerance code when ordering.  
CTGS73-100\_ ← K =  $\pm 10\%$ , L =  $\pm 15\%$ , M =  $\pm 20\%$  & N =  $\pm 30\%$   
CTGS73E Please specify "F" for RoHS Compliant

| Part Number  | Inductance ( $\mu\text{H}$ ) | L Test Freq. (Hz) | DCR Max. ( $\Omega$ ) | Rated DC (A) |
|--------------|------------------------------|-------------------|-----------------------|--------------|
| CTGS73_-100_ | 10                           | 2.52M             | 0.08                  | 1.44         |
| CTGS73_-120_ | 12                           | 2.52M             | 0.09                  | 1.39         |
| CTGS73_-150_ | 15                           | 2.52M             | 0.10                  | 1.24         |
| CTGS73_-180_ | 18                           | 2.52M             | 0.11                  | 1.12         |
| CTGS73_-220_ | 22                           | 2.52M             | 0.13                  | 1.07         |
| CTGS73_-270_ | 27                           | 2.52M             | 0.15                  | 0.94         |
| CTGS73_-330_ | 33                           | 2.52M             | 0.17                  | 0.85         |
| CTGS73_-390_ | 39                           | 2.52M             | 0.22                  | 0.74         |
| CTGS73_-470_ | 47                           | 2.52M             | 0.25                  | 0.68         |
| CTGS73_-560_ | 56                           | 2.52M             | 0.28                  | 0.64         |
| CTGS73_-680_ | 68                           | 2.52M             | 0.33                  | 0.59         |
| CTGS73_-820_ | 82                           | 2.52M             | 0.41                  | 0.54         |
| CTGS73_-101_ | 100                          | 1.00k             | 0.48                  | 0.51         |
| CTGS73_-121_ | 120                          | 1.00k             | 0.54                  | 0.49         |
| CTGS73_-151_ | 150                          | 1.00k             | 0.75                  | 0.40         |
| CTGS73_-181_ | 180                          | 1.00k             | 1.02                  | 0.36         |
| CTGS73_-221_ | 220                          | 1.00k             | 1.20                  | 0.31         |
| CTGS73_-271_ | 270                          | 1.00k             | 1.31                  | 0.29         |
| CTGS73_-331_ | 330                          | 1.00k             | 1.50                  | 0.28         |

## PHYSICAL DIMENSIONS

| Size   | A                 | B                 | C                 | D     |
|--------|-------------------|-------------------|-------------------|-------|
|        |                   |                   |                   | Typ.  |
| mm     | 7.8 $\pm$ 0.30    | 7.0 $\pm$ 0.30    | 3.5 $\pm$ 0.30    | 2.1   |
| inches | 0.307 $\pm$ 0.012 | 0.276 $\pm$ 0.012 | 0.138 $\pm$ 0.012 | 0.083 |



01.14.05

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

800-684-5322 Inside US

949-453-1811 Outside US

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