

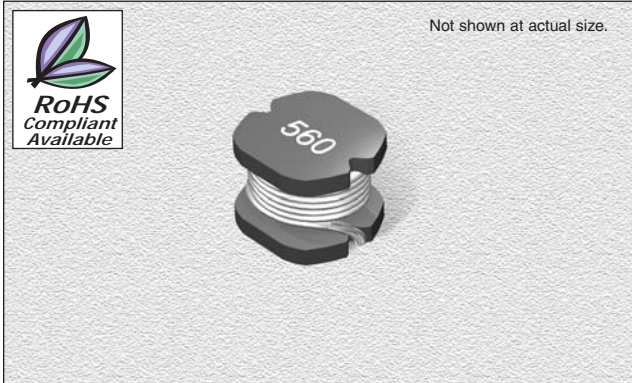
# CTGS73 Series

## From 10 $\mu$ H to 330 $\mu$ H

### 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 ( $\mu$ 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



### 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

**Permissible 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

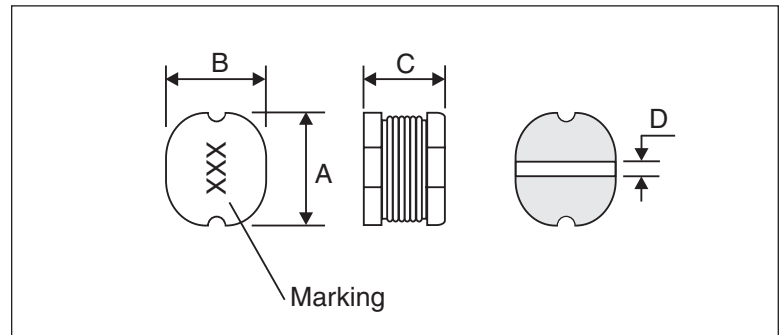
**Miscellaneous:** RoHS Compliant available

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

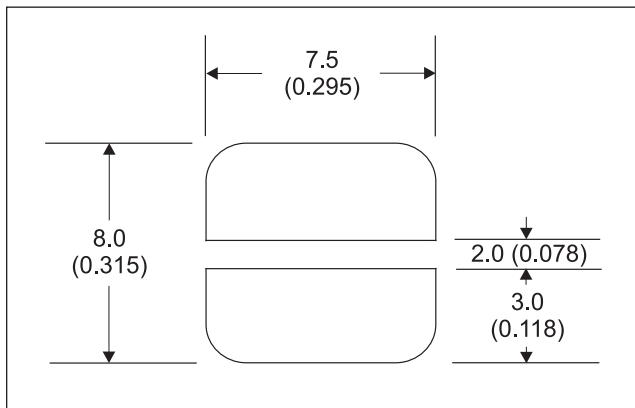
**Samples available. See website for ordering information.**

### PHYSICAL DIMENSIONS

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



### PAD LAYOUT



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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