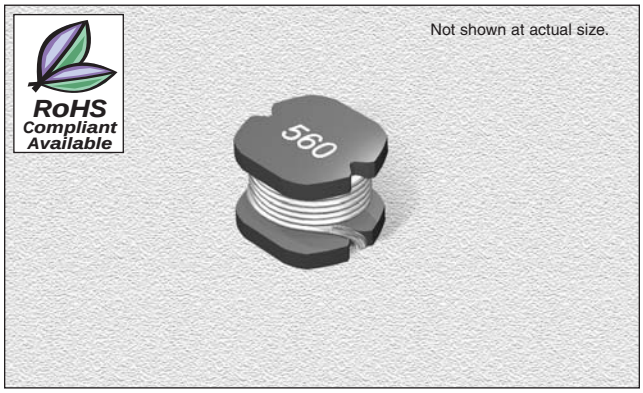
CTGS73 Series

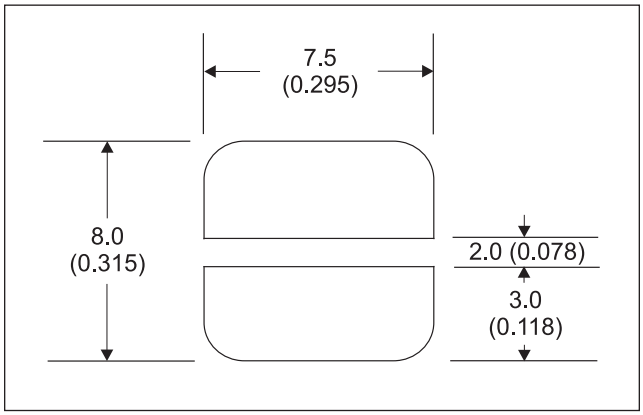
From 10 µH to 330 µH



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: ±10%, ±15%, ±20% & ±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 ΔT = 40°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



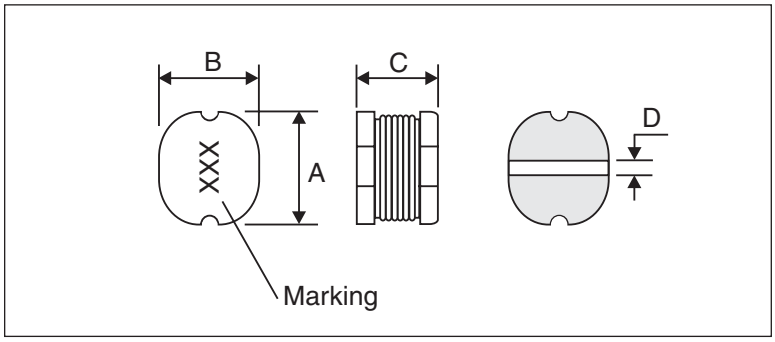
SPECIFICATIONS

Parts specify tolerance code when ordering.
CTGS73-100_ ← K = ±10%, L = ±15%, M = ±20% & N = ±30%
CTGS73F **Please specify "F" for RoHS Compliant**

Part Number	Inductance (µH)	L Test Freq. (_Hz)	DCR Max. (Ω)	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 ± 0.30	7.0 ± 0.30	3.5 ± 0.30	2.1
inches	0.307 ± 0.012	0.276 ± 0.012	0.138 ± 0.012	0.083



01.14.05

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