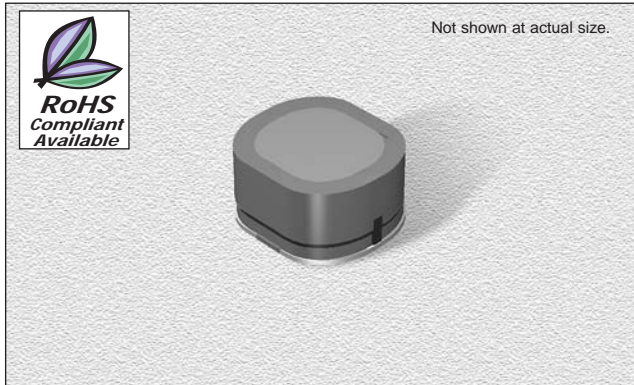


CTGSR105B Series

From 10 μ H to 470 μ H



SPECIFICATIONS

Parts specify tolerance code when ordering.
 CTGSR105B-100 ← L = $\pm 15\%$, M = $\pm 20\%$ & N = $\pm 30\%$
 CTGSR105BE Please specify "F" for RoHS compliant

Part Number	Inductance (μ H)	L Test Freq. (Hz)	DCR Max. (Ω)	Rated DC (A)
CTGSR105B_-100_	10	2.52M	0.06	2.06
CTGSR105B_-120_	12	2.52M	0.07	1.94
CTGSR105B_-150_	15	2.52M	0.07	1.72
CTGSR105B_-180_	18	2.52M	0.08	1.58
CTGSR105B_-220_	22	2.52M	0.08	1.42
CTGSR105B_-270_	27	2.52M	0.10	1.32
CTGSR105B_-330_	33	2.52M	0.11	1.16
CTGSR105B_-390_	39	2.52M	0.12	1.10
CTGSR105B_-470_	47	2.52M	0.14	1.00
CTGSR105B_-560_	56	2.52M	0.19	0.93
CTGSR105B_-680_	68	2.52M	0.21	0.85
CTGSR105B_-820_	82	2.52M	0.28	0.79
CTGSR105B_-101_	100	1.00k	0.34	0.72
CTGSR105B_-121_	120	1.00k	0.37	0.63
CTGSR105B_-151_	150	1.00k	0.51	0.55
CTGSR105B_-181_	180	1.00k	0.57	0.50
CTGSR105B_-221_	220	1.00k	0.78	0.47
CTGSR105B_-271_	270	1.00k	0.87	0.41
CTGSR105B_-331_	330	1.00k	1.20	0.37
CTGSR105B_-391_	390	1.00k	1.34	0.35
CTGSR105B_-471_	470	1.00k	1.50	0.33

CHARACTERISTICS

- Description:** SMD shielded power inductor
- Applications:** VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters
- Operating Temperature:** -20°C to +85°C
- Inductance Tolerance:** $\pm 10\%$, $\pm 15\%$, $\pm 20\%$ & $\pm 30\%$
- Testing:** Inductance is tested on an HP4285A at specified frequency
- Packaging:** Tape & Reel, 500 parts per reel
- Miscellaneous:** RoHS Compliant available.
- Marking:** Marked with inductance code
- Additional Information:** Additional electrical & physical information available upon request
- Samples available. See website for ordering information.**

PHYSICAL DIMENSIONS

Size	A	B	C	D (Ref.)
mm	9.0 \pm 0.5	10.0 \pm 0.5	5.0 \pm 0.5	2.9
inches	0.35 \pm 0.02	0.39 \pm 0.02	0.20 \pm 0.02	0.08

02.16.05