

CTSLF0755TF Series

From 1.5 μ H to 100 μ H



CHARACTERISTICS

- Description:** SMD (shielded) power inductor.
- Applications:** LCD-TVs, PDP-TVs, LCD displays, DVD recorders, HDDs, DSCs, etc.
- Operating Temperature:** -40°C to +105°C
- Inductance Tolerance:** M = $\pm 20\%$, N = $\pm 30\%$
- Testing:** Inductance is tested on a HP4285A at 100KHz, 1.0V
- Packaging:** Tape & Reel.
- Marking:** Parts are marked with inductance code.
- Miscellaneous:** **RoHS Compliant.**
- Additional Information:** Additional electrical & physical information available upon request.
- Samples available. See website for ordering information.**

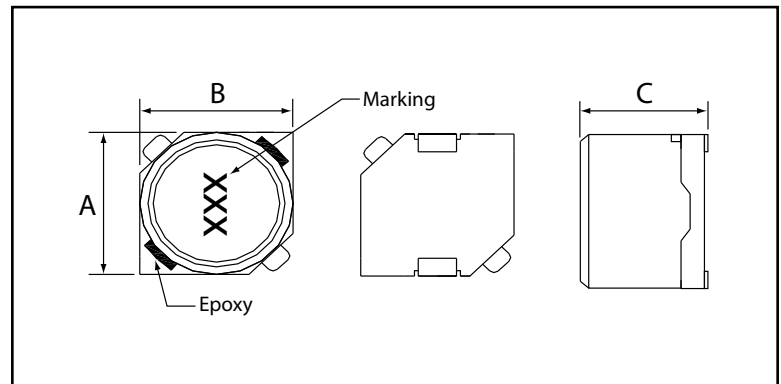
SPECIFICATIONS

Part numbers indicate inductance tolerance available.
 N = $\pm 30\%$, M = $\pm 20\%$
 *Isat: Based on inductance change ($\Delta L/L0: \leq -10\%$)
 **Irms: Based on temp. rise ($\Delta T: 30^\circ\text{C Typ.}$)

Part Number	Inductance (μ H)	L Test Freq. (KHz)	DCR $\pm 30\%$ (m Ω)	*Isat (A)	**Irms (A)
CTSLF0755TF-1R5N	1.5	100	17.4	6.2	4.0
CTSLF0755TF-2R2N	2.2	100	21.7	5.3	3.5
CTSLF0755TF-3R3N	3.3	100	24.0	4.3	3.3
CTSLF0755TF-3R9N	3.9	100	25.8	4.0	3.2
CTSLF0755TF-4R7N	4.7	100	28.0	3.6	3.1
CTSLF0755TF-6R8N	6.8	100	34.0	3.0	2.8
CTSLF0755TF-100M	10.0	100	39.1	2.6	2.5
CTSLF0755TF-150M	15.0	100	50.8	2.1	2.2
CTSLF0755TF-180M	18.0	100	56.5	1.9	2.1
CTSLF0755TF-220M	22.0	100	64.3	1.7	2.0
CTSLF0755TF-330M	33.0	100	87.0	1.4	1.7
CTSLF0755TF-470M	47.0	100	130.0	1.2	1.4
CTSLF0755TF-680M	68.0	100	200.0	0.9	1.1
CTSLF0755TF-101M	100.0	100	293.0	0.8	0.9

PHYSICAL DIMENSIONS

Size	A Min	B Min	C min
mm	7.0 \pm 0.2	7.0 \pm 0.2	5.5 \pm 0.3
inches	0.27 \pm 0.0078	0.27 \pm 0.0078	0.22 \pm 0.012



PAD LAYOUT

