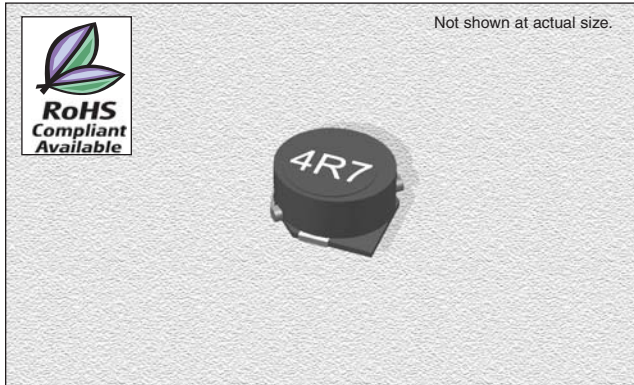


# CTSLF0732 Series

From 3.3  $\mu\text{H}$  to 1000  $\mu\text{H}$



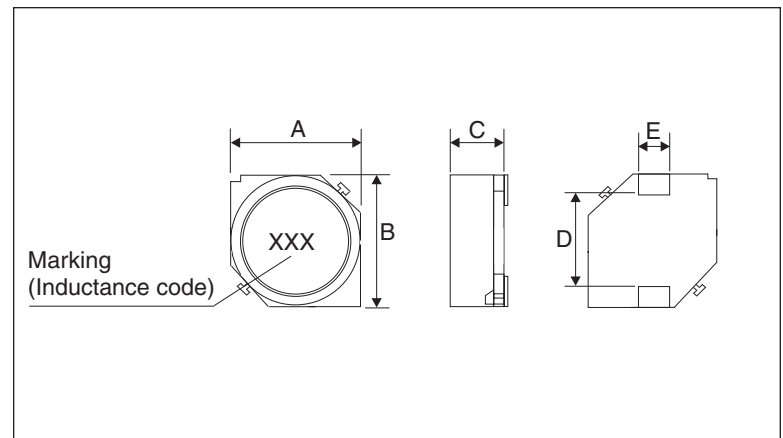
## SPECIFICATIONS

Parts are available in  $\pm 20\%$  tolerance only.  
 CTSLF0732TE Please specify "F" for RoHS compliant

Part Number	Inductance ( $\mu\text{H}$ )	L Test Freq. (kHz)	DCR $\pm 20\%$ ( $\Omega$ )	Rated DC (A)
CTSLF0732T_-3R3M	3.3	1.0	0.023	1.90
CTSLF0732T_-4R7M	4.7	1.0	0.036	1.70
CTSLF0732T_-6R8M	6.8	1.0	0.041	1.60
CTSLF0732T_-100M	10	1.0	0.053	1.40
CTSLF0732T_-150M	15	1.0	0.075	1.10
CTSLF0732T_-220M	22	1.0	0.110	0.96
CTSLF0732T_-330M	33	1.0	0.160	0.75
CTSLF0732T_-470M	47	1.0	0.240	0.67
CTSLF0732T_-680M	68	1.0	0.310	0.59
CTSLF0732T_-101M	100	1.0	0.450	0.45
CTSLF0732T_-151M	150	1.0	0.650	0.37
CTSLF0732T_-221M	220	1.0	1.050	0.29
CTSLF0732T_-331M	330	1.0	1.670	0.22
CTSLF0732T_-471M	470	1.0	2.050	0.20
CTSLF0732T_-681M	680	1.0	3.150	0.16
CTSLF0732T_-102M	1000	1.0	4.780	0.13

## PHYSICAL DIMENSIONS

Size	A	B	C	D Typ.	E Typ.
mm	7 $\pm$ 0.2	7 $\pm$ 0.2	3.2 $\pm$ 0.2	4.0	2.0
inches	0.28 $\pm$ 0.008	0.28 $\pm$ 0.008	0.126 $\pm$ 0.008	0.157	0.079



## CHARACTERISTICS

**Description:** SMD (shielded) power inductor

**Applications:** For power source circuits, low profile type DC to DC converters, DC to AC inverters etc.

**Operating Temperature:** -40°C to +85°C

**Inductance Tolerance:**  $\pm 20\%$

**Testing:** Inductance is tested on an HP4284A at 1.0 kHz, 0.5V

**Rated Current:** Value obtained when DC current flows and the initial value of inductance has fallen by 10%.

**Packaging:** Tape & Reel

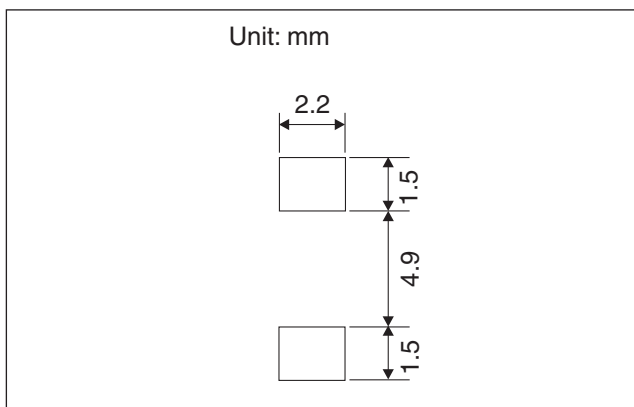
**Marking:** Parts are marked with inductance code

**Miscellaneous:** RoHS Compliant available. Magnetically shielded

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

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

## PAD LAYOUT



02.20.09