CTSLF0628TF Series From 4.7µH to 100µH



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 $+85^{\circ}$ C

Inductance Tolerance: ±20%

Testing: Inductance is tested on a HP4284A at 1.0kHz **Rated DC Current:** Value obtained when DC current flows and

the initial value of inductance has fallen by 30%

Itemp Current: Value obtained when current flows and the

temperature has risen to 25°C **Packaging:** Tape & Reel

Marking: Parts are marked with inductance code
Miscellaneous: Magnetically sheilded. RoHS Compliant

available

Additional Information: Additional electrical & physical

information available upon request

Samples available. See website for ordering information.

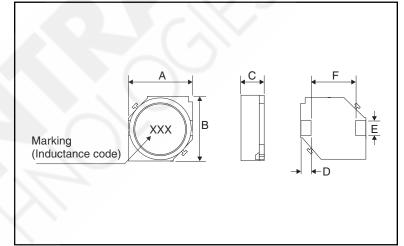
SPECIFICATIONS

Parts are available in ±20% tolerance only.

Part Number	Inductance (µH)	L Test Freq. (kHz)	DCR ±20% (Ω)	Rated DC (A)	Itemp. Max. (A)
CTSLF0628TF-4R7M	4.7	1.0	0.0284	1.6	2.5
CTSLF0628TF-6R8M	6.8	1.0	0.0354	1.5	2.2
CTSLF0628TF-100M	10	1.0	0.0532	1.3	1.8
CTSLF0628TF-150M	15	1.0	0.0745	1.0	1.4
CTSLF0628TF-220M	22	1.0	0.104	0.77	1.3
CTSLF0628TF-330M	33	1.0	0.148	0.69	1.1
CTSLF0628TF-470M	47	1.0	0.21	0.59	0.92
CTSLF0628TF-680M	68	1.0	0.29	0.50	0.78
CTSLF0628TF-101M	100	1.0	0.43	0.42	0.64

PHYSICAL DIMENSIONS

Size	A	В	C	D Typ.	E	F Typ.
mm	6.0±0.2	6.0±0.2	2.8±0.2	1.5	2.0±0.1	3.0
inches	0.24±0.008	0.24±0.008	0.11±0.008	0.059	0.08±0.004	0.118



PAD LAYOUT

