

查询"CTSLF1265T-7R0N"供应商

CTSLF1265 Series

From 2.0 μH to 220 μH 

CHARACTERISTICS

Description: SMD (shielded) power inductor**Applications:** For power source circuits, low profile type DC to DC converters, DC to AC inverters, portable telephones, hard disk drives etc.**Operating Temperature:** -40°C to +85°C**Inductance Tolerance:** $\pm 20\%$ & $\pm 30\%$ **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%**Itemp Current:** Value obtained when current flows and the temperature has risen to 40°C**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.**

SPECIFICATIONS

Part numbers are marked to indicate tolerance available.

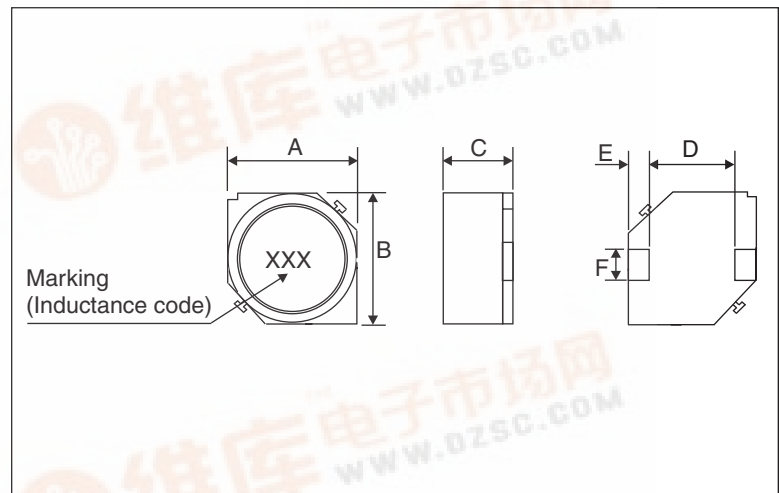
M = $\pm 20\%$, N = $\pm 30\%$

CTSLF1265TE Please specify "F" for RoHS compliant

Part Number	Inductance (μH)	L Test Freq. (kHz)	DCR $\pm 20\%$ (Ω)	Rated Current (A)	Itemp Max. (A)
CTSLF1265T_-2R0N	2.0	1.0	0.0117	10	6.2
CTSLF1265T_-4R2N	4.2	1.0	0.0150	7.3	5.5
CTSLF1265T_-7R0N	7.0	1.0	0.0177	5.7	5.0
CTSLF1265T_-100M	10	1.0	0.0202	5.0	4.8
CTSLF1265T_-150M	15	1.0	0.0237	4.2	4.4
CTSLF1265T_-220M	22	1.0	0.0316	3.5	3.8
CTSLF1265T_-330M	33	1.0	0.0406	2.8	3.4
CTSLF1265T_-470M	47	1.0	0.0578	2.4	2.8
CTSLF1265T_-680M	68	1.0	0.0787	2.0	2.4
CTSLF1265T_-101M	100	1.0	0.1230	1.6	1.9
CTSLF1265T_-221M	220	1.0	0.2730	1.0	1.2

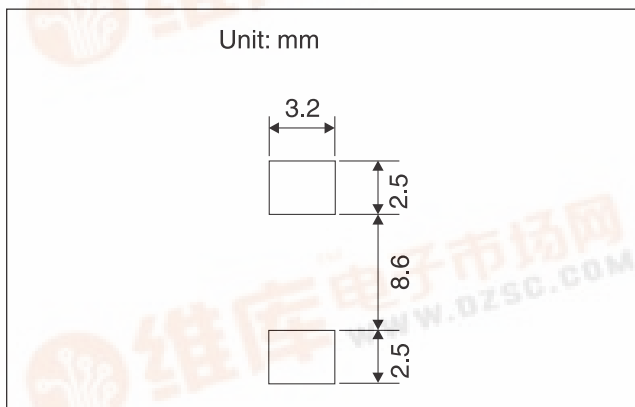
PHYSICAL DIMENSIONS

Size	A	B	C	D Typ.	E Typ.	F Typ.
mm	12.5 $\pm$ 0.3	12.5 $\pm$ 0.3	6.5 $\pm$ 0.35	8.6	2.0	3.0
inches	0.49 $\pm$ 0.012	0.49 $\pm$ 0.012	0.26 $\pm$ 0.014	0.339	0.079	0.118



PAD LAYOUT

Unit: mm



07.03.07

Manufacturer of Passive and Discrete Semiconductor Components

800-684-5322 Inside US

949-453-1811 Outside US

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