

CTSR0604F Series

From 1.5 μH to 1000 μH



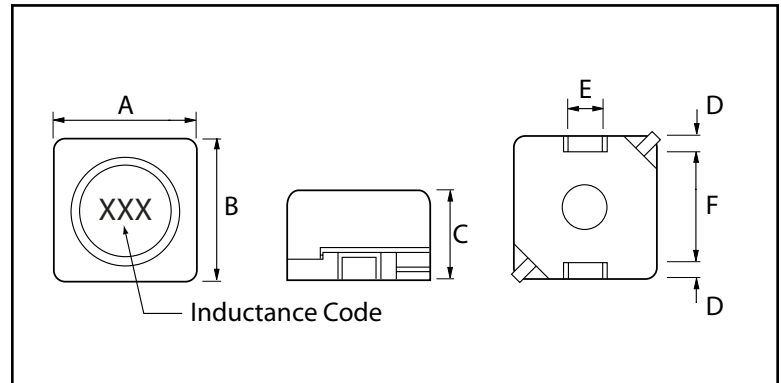
SPECIFICATIONS

Part number indicates inductance tolerance available.
K = $\pm 10\%$, M = $\pm 20\%$

Part Number	Inductance (μH)	L Test Freq. (KHz)	DCR Max. (Ω)	IDC Max. (A)
CTSR0604F-1R5M	1.5	1.0	0.028	2.80
CTSR0604F-2R5M	2.5	1.0	0.035	2.50
CTSR0604F-3R3M	3.3	1.0	0.050	2.30
CTSR0604F-4R7M	4.7	1.0	0.060	2.00
CTSR0604F-6R8M	6.8	1.0	0.070	1.60
CTSR0604F-100M	10.0	1.0	0.120	1.30
CTSR0604F-150M	15.0	1.0	0.130	1.10
CTSR0604F-220M	22.0	1.0	0.190	0.90
CTSR0604F-330K	33.0	1.0	0.250	0.70
CTSR0604F-470K	47.0	1.0	0.360	0.60
CTSR0604F-680K	68.0	1.0	0.520	0.50
CTSR0604F-101K	100.0	1.0	0.650	0.40
CTSR0604F-151K	150.0	1.0	1.000	0.30
CTSR0604F-221K	220.0	1.0	1.700	0.25
CTSR0604F-331K	330.0	1.0	2.100	0.20
CTSR0604F-471K	470.0	1.0	3.300	0.18
CTSR0604F-681K	680.0	1.0	4.800	0.15
CTSR0604F-102K	1000.0	1.0	6.100	0.12

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F Typ.
mm	6.5 \pm 0.3	6.5 \pm 0.3	4.6 \pm 0.3	0.8+0.2,-0.3	1.6 \pm 0.2	5.0
inches	0.25 \pm 0.012	0.25 \pm 0.012	0.18 \pm 0.012	0.031+0.008,-0.012	0.063 \pm 0.008	0.20



CHARACTERISTICS

- Description:** SMD (shielded) power inductor.
- Applications:** Power supplies for Portable Communication Equipment, Camcorders, LCD TVs, Car Radios, Input/output of DC/DC converters, etc.
- Operating Temperature:** -40°C to +105°C
- Temp. Rise:** 40°C Max.
- Rated Current:** Based on Temp. Rise & $\Delta L/L_0A = 10\%$ Max.
- Resistance to Solder Heat:** 260°C for 10 Sec.
- Inductance Tolerance:** $\pm 10\%$, $\pm 20\%$
- Testing:** Inductance is tested on an HP4284A at 1.0KHz
- Packaging:** Parts are marked with inductance code.
- Marking:** Tape & Reel.
- Miscellaneous:** **RoHS Compliant.**
- Additional Information:** Additional electrical & physical information available upon request.
- Samples available. See website for ordering information.**

PAD LAYOUT

