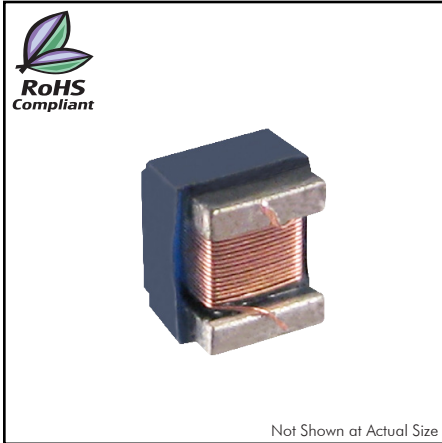


## CT0402LSF Series

From 0.020µH to 0.56µH



### SPECIFICATIONS

Please specify inductance tolerance code when ordering.  
 Example: CT0402LSF-20N ← J = ±5%, K = ±10%

Part Number	Inductance (µH)	Test Freq. (MHz)	SRF Typ. (MHz)	DCR Max. (Ω)	Irms Typ. (mA)	Available Tolerance
CT0402LSF-20N_	0.020	100	2600	0.050	1600	J / K
CT0402LSF-22NK	0.022	100	2500	0.072	1300	K
CT0402LSF-33N_	0.033	100	2300	0.060	1400	J / K
CT0402LSF-36N_	0.036	100	2300	0.092	1000	J / K
CT0402LSF-39N_	0.039	100	2200	0.150	830	J / K
CT0402LSF-51NK	0.051	100	1930	0.070	1100	K
CT0402LSF-56NK	0.056	100	1900	0.125	900	K
CT0402LSF-72N_	0.072	100	1650	0.100	900	J / K
CT0402LSF-78N_	0.078	100	1600	0.190	850	J / K
CT0402LSF-R10K	0.10	100	1400	0.160	900	K
CT0402LSF-R14_	0.14	50	1220	0.260	540	J / K
CT0402LSF-R18K	0.18	50	1150	0.330	560	K
CT0402LSF-R20_	0.20	50	1000	0.440	400	J / K
CT0402LSF-R22_	0.22	50	1150	0.530	380	J / K
CT0402LSF-R25_	0.25	25	900	0.360	520	J / K
CT0402LSF-R27K	0.27	25	860	0.550	360	K
CT0402LSF-R30_	0.30	25	860	0.410	420	J / K
CT0402LSF-R33_	0.33	7.9	820	0.680	350	J / K
CT0402LSF-R36_	0.36	7.9	810	0.575	360	J / K
CT0402LSF-R39_	0.39	7.9	760	0.890	300	J / K
CT0402LSF-R42_	0.42	7.9	700	1.100	340	J / K
CT0402LSF-R47K	0.47	7.9	650	0.730	310	K
CT0402LSF-R56_	0.56	7.9	600	1.100	200	J / K

### CHARACTERISTICS

**Description:** SMD ferrite core wire-wound chip inductor

**Applications:** Telecom, cable modem, set-top box, CATV filter/tuner, wireless LAN, etc.

**Operating Temperature:** -25°C to +105°C (Including self-temperature rise)

**Irms:** For a 15°C rise above 25°C ambient

**Inductance Tolerance:** ±5%, ±10%

**Testing:** Inductance tested on HP4285A at specified frequency.

**Packaging:** Tape & Reel.

**Miscellaneous:** RoHS Compliant.

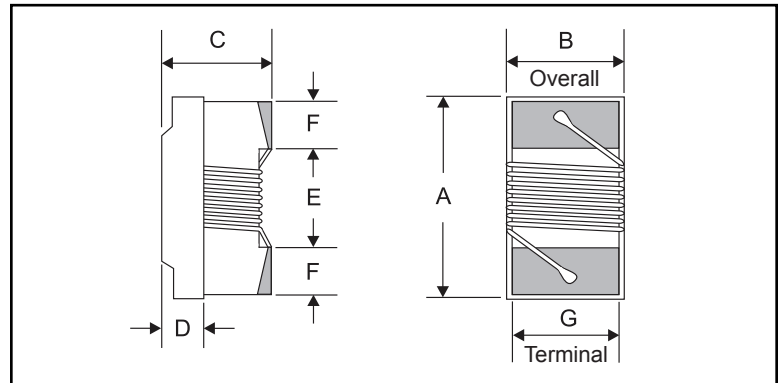
**Marking:** No markings

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

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

### PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F	G
mm	1.02±0.1	0.55±0.1	0.56±0.1	0.25	0.54	0.23	0.50
inches	0.040±0.004	0.021±0.004	0.022±0.004	0.0098	0.021	0.009	0.0196



### PAD LAYOUT

