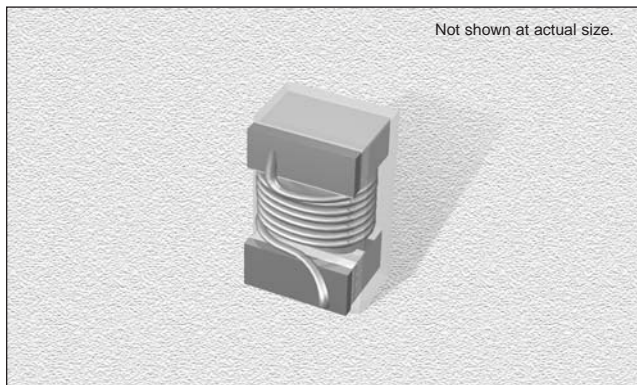


## CT0805LS Series

From 330 nH to 3,300  $\mu$ H



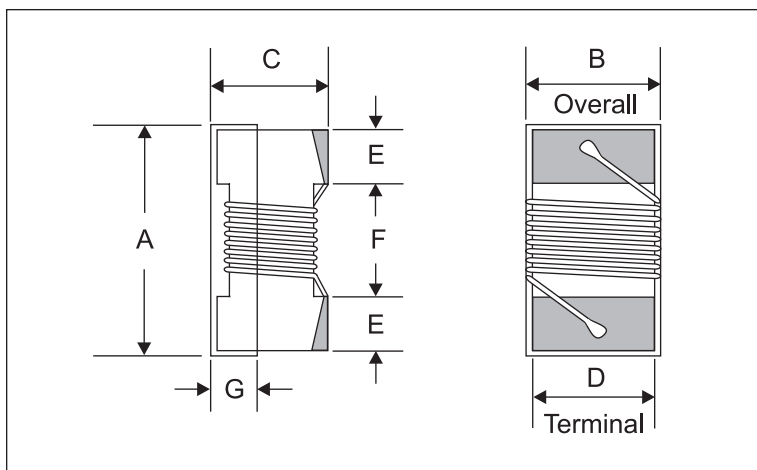
### SPECIFICATIONS

Please specify tolerance code when ordering.  
 CT0805LS-331\_ ← J =  $\pm 5\%$ , K =  $\pm 10\%$ , M =  $\pm 20\%$

Part Number	Inductance (nH)	L Test Freq. (MHz)	Q Fact. Min.	Q Test Freq. (MHz)	SRF Typ. (MHz)	DCR Max. ( $\Omega$ )	Rated DC (mA)
CT0805LS-331_	330	100	35	100	630	0.60	400
CT0805LS-391_	390	100	35	100	580	0.66	350
CT0805LS-471_	470	100	35	100	530	0.72	300
CT0805LS-561_	560	25	35	25	520	0.81	280
CT0805LS-681_	680	25	30	25	360	0.86	250
CT0805LS-821_	820	25	30	25	300	0.92	240
CT0805LS-911_	910	25	28	25	280	0.98	240
CT0805LS-102_	1000	7.9	26	7.9	260	1.08	250
CT0805LS-122_	1200	7.9	26	7.9	210	1.13	220
CT0805LS-152_	1500	7.9	25	7.9	200	1.73	200
CT0805LS-182_	1800	7.9	23	7.9	160	2.15	180
CT0805LS-222_	2200	7.9	22	7.9	150	2.40	130
CT0805LS-272_	2700	7.9	10	7.9	220	2.75	120
CT0805LS-332_	3300	7.9	10	7.9	190	2.95	100

### PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D	E	F	G
mm	2.29	1.73	1.52	1.27	0.51	1.02	0.51
inches	0.090	0.068	0.060	0.050	0.020	0.040	0.020



### CHARACTERISTICS

**Description:** SMD shielded wire-wound chip inductor

**Applications:** LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, disk drives and computer peripherals, audio and video equipment, TV, radio and telecommunication equipment

**Operating Temperature:**  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

**Inductance Tolerance:**  $\pm 5\%$ ,  $\pm 10\%$  &  $\pm 20\%$

**Testing:** Inductance and Q tested on an HP4287A at specified frequency.

**Packaging:** Tape & Reel

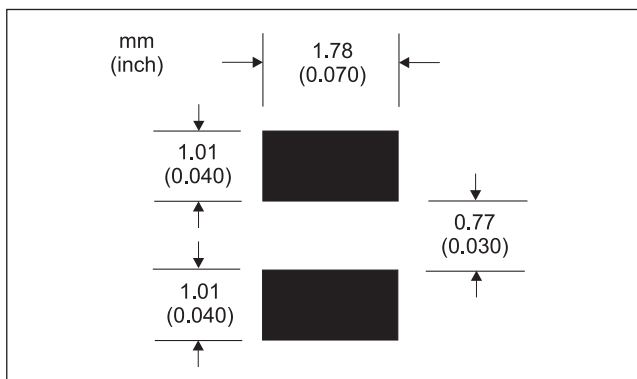
**Marking:** Parts are marked with inductance code and tolerance

**Miscellaneous:** Additional values available

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

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

### PAD LAYOUT



09.23.02

Manufacturer of Inductors, Chokes, Coils, Beads, Transformers & Toroids

**800-684-5322** Inside US **949-453-1811** Outside US

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