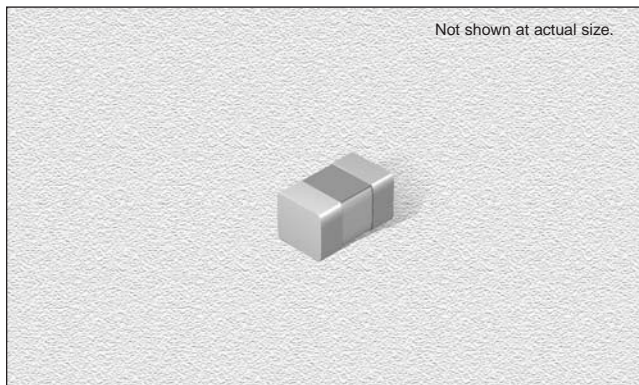


## CT0201 Series

From 1.0 nH to 33 nH



### CHARACTERISTICS

**Description:** Ceramic core, multi-layer chip inductor for high frequency

**Applications:** Portable telephones, PMS, pagers and miscellaneous high-frequency circuits

**Operating Temperature:** -40°C to +100°C

**Inductance Tolerance:** ±0.3nH, ± 5%, ±10%

**Testing:** Inductance and Q are tested on an HP4287A at 100 MHz

**Packaging:** Tape & Reel

**Marking:** Reels are marked inductance code and tolerance

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

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

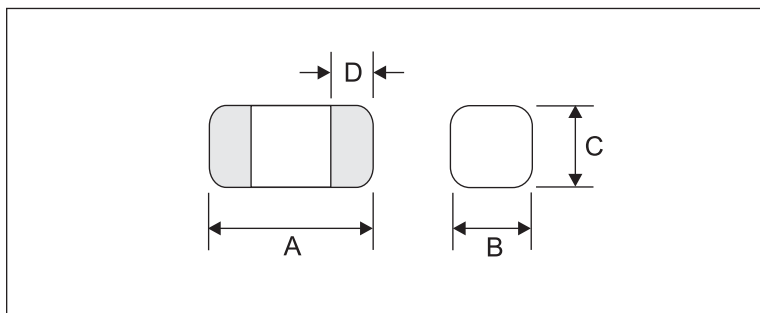
### SPECIFICATIONS

Please specify tolerance code when ordering.  
 CT0201-3N3\_ ← S = ±0.3nH, J = ±5%, K = ±10%  
 \* S or K only \*\* J or K only

Part Number	Inductance (nH)	L Test Freq. (MHz)	Q Fact Min.	Q Test Freq. (MHz)	SRF Typ. (MHz)	DCR Max. (Ω)	DCR Typ. (Ω)	IDC Max. (mA)
CT0201-1N0S	1.0	100	5	100	7000	.12	.06	300
CT0201-1N2S	1.2	100	5	100	6800	.15	.10	300
CT0201-1N5S	1.5	100	5	100	6500	.18	.12	300
CT0201-1N8S	1.8	100	5	100	6300	.22	.14	290
CT0201-2N2S	2.2	100	5	100	6000	.26	.15	270
CT0201-2N7S	2.7	100	5	100	5600	.32	.17	270
CT0201-3N3_*	3.3	100	5	100	5300	.38	.19	240
CT0201-3N9_*	3.9	100	6	100	5000	.45	.23	210
CT0201-4N7_*	4.7	100	6	100	4400	0.5	.27	210
CT0201-5N6_*	5.6	100	6	100	4200	0.6	.29	210
CT0201-6N8_**	6.8	100	6	100	3800	0.7	.30	210
CT0201-8N2_**	8.2	100	6	100	3500	0.9	.52	200
CT0201-10N_**	10	100	6	100	3100	1.2	.58	200
CT0201-12N_**	12	100	6	100	2800	1.3	0.6	190
CT0201-15N_**	15	100	6	100	2500	1.4	0.7	130
CT0201-18N_**	18	100	6	100	2200	1.5	0.8	120
CT0201-22N_**	22	100	6	100	1800	1.8	1.0	110
CT0201-27N_**	27	100	6	100	1600	2.0	1.2	100
CT0201-33N_**	33	100	6	100	1400	2.3	1.5	100

### PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	0.6±0.03	0.3±0.03	0.3±0.03	0.1-0.2
inches	0.02±0.001	0.01±0.001	0.01±0.001	0.004-0.008



12.14.01

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

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

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