

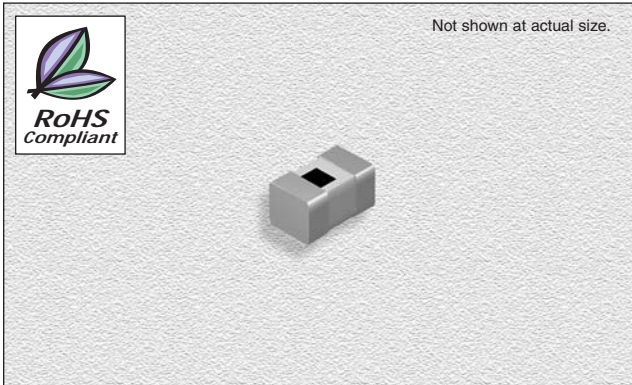
CT0201F Series

From 1.0 nH to 120 nH

SPECIFICATIONS

Part numbers indicate available inductance tolerance.
S = ±0.3nH, J = ±5%

Part Number	Inductance 100MHz (nH)	Q 100MHz Min.	Q 100MHz Typ.	Q 800MHz Typ.	Q 1.0GHz Typ.	Q 1.8GHz Typ.	SRF Min. (MHz)	DCR Max. (mΩ)	IDC Max. (mA)
CT0201F-1N0S	1.0	4	6	20	22	31	10000	200	300
CT0201F-1N2S	1.2	4	6	20	22	31	10000	200	300
CT0201F-1N5S	1.5	4	6	20	22	30	10000	300	300
CT0201F-1N8S	1.8	4	6	20	22	30	10000	300	300
CT0201F-2N2S	2.2	4	6	20	22	30	8800	350	300
CT0201F-2N7S	2.7	4	6	20	22	30	7700	400	300
CT0201F-3N3S	3.3	4	6	20	22	30	6700	450	300
CT0201F-3N9S	3.9	4	6	20	22	29	6000	500	300
CT0201F-4N7S	4.7	4	6	19	21	29	5300	550	300
CT0201F-5N6S	5.6	4	6	19	21	28	4600	600	300
CT0201F-6N8J	6.8	4	6	19	21	27	3900	700	250
CT0201F-8N2J	8.2	4	6	19	21	26	3400	800	250
CT0201F-10NJ	10	4	6	19	21	25	2900	900	250
CT0201F-12NJ	12	5	7	19	21	23	2700	1100	250
CT0201F-15NJ	15	5	7	18	20	21	2300	1200	250
CT0201F-18NJ	18	5	7	18	19	18	2100	1400	200
CT0201F-22NJ	22	5	7	17	18	14	1800	1700	200
CT0201F-27NJ	27	5	7	17	18	-	1800	2400	100
CT0201F-33NJ	33	5	7	16	16	-	1700	2700	100
CT0201F-39NJ	39	5	7	15	15	-	1500	3000	50
CT0201F-47NJ	47	5	7	14	13	-	1300	3500	50
CT0201F-56NJ	56	5	7	13	12	-	1100	4000	50
CT0201F-68NJ	68	5	7	12	10	-	1100	5000	50
CT0201F-82NJ	82	5	7	11	8	-	1000	5000	50
CT0201F-R10J	100	5	7	10	6	-	900	5500	40
CT0201F-R12J	120	5	7	7	2	-	800	6000	40



CHARACTERISTICS

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

Applications: Cellular telephones, cordless telephones, pagers, computer communications, radar detectors, automotive electronics, keyless remotes and miscellaneous high-frequency circuits

Operating Temperature: -40°C to +85°C

Inductance Tolerance: ±0.3nH, ± 5%

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

Packaging: Tape & Reel

Marking: Reels are marked inductance code and tolerance

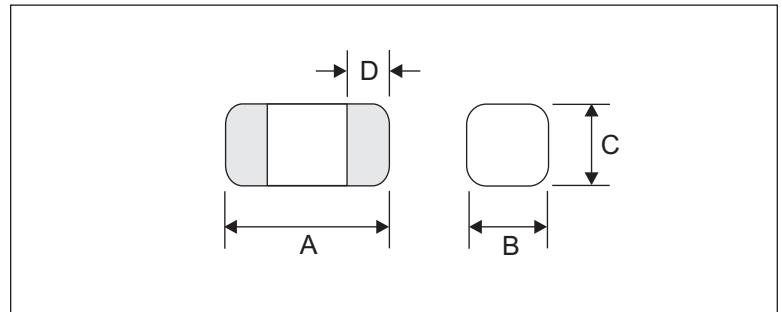
Miscellaneous: RoHS Compliant.

Additional Information: Additional electrical & physical information available upon request

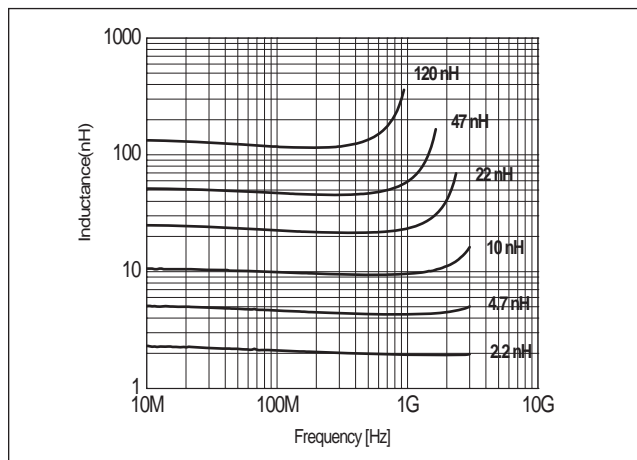
Samples available. See website for ordering information.

PHYSICAL DIMENSIONS

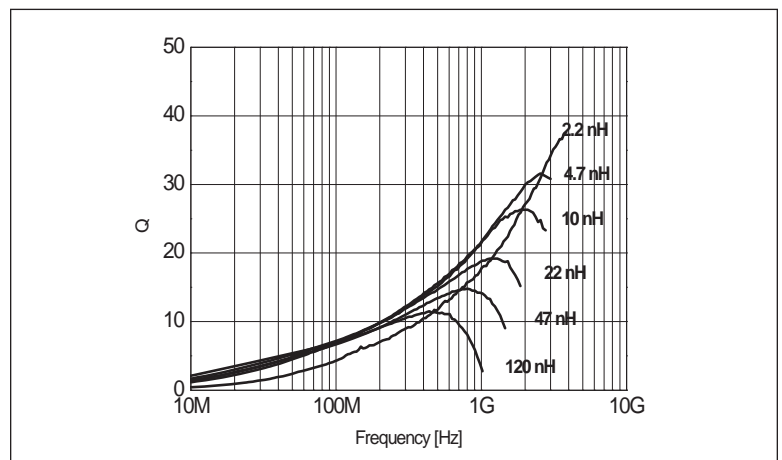
Size	A	B	C	D
mm	0.6±0.03	0.3±0.03	0.3±0.03	0.15±0.05
inches	0.02±0.001	0.01±0.001	0.01±0.001	0.006±0.002



INDUCTANCE CHARACTERISTICS



Q CHARACTERISTICS



08.06.09