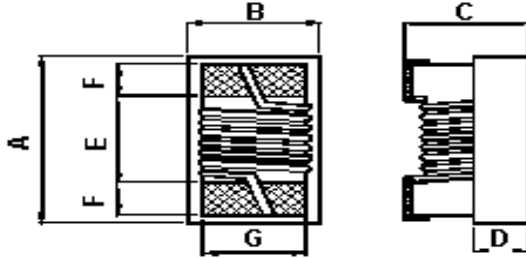


## LC0402 Ceramic Core Inductors



TYPE	A Max	B Max	C Max	D REF	E	F	G
LC0402	1.19	0.70	0.66	0.25	0.56	0.23	0.51

Part Number	Inductance (nH)	Test Frequency (MHz)	Tolerance (±%)	Q Min	SRF Min (MHz)	Rdc Max (Ω)	Irms Max (mA)
LC0402T-1N5	1.5	250	10 / 5	15	11300	0.050	1040
LC0402T-2N0	2.0	250	10 / 5	16	11100	0.070	1040
LC0402T-2N2	2.2	250	10 / 5	19	10800	0.070	960
LC0402T-3N3	3.3	250	10 / 5 / 3 / 2	19	7000	0.100	840
LC0402T-3N6	3.6	250	10 / 5 / 3 / 2	19	6800	0.100	840
LC0402T-3N9	3.9	250	10 / 5 / 3 / 2	19	6000	0.100	840
LC0402T-5N1	5.1	250	10 / 5 / 3 / 2	20	4800	0.130	800
LC0402T-5N6	5.6	250	10 / 5 / 3 / 2	20	4800	0.130	760
LC0402T-6N2	6.2	250	10 / 5 / 3 / 2	20	4800	0.150	760
LC0402T-7N5	7.5	250	10 / 5 / 3 / 2	22	4800	0.150	680
LC0402T-8N2	8.2	250	10 / 5 / 3 / 2	22	4400	0.150	680
LC0402T-9N0	9.0	250	10 / 5 / 3 / 2	22	4160	0.200	680
LC0402T-10N	10	250	10 / 5 / 3 / 2	21	3900	0.200	480
LC0402T-11N	11	250	10 / 5 / 3 / 2	24	3680	0.230	640
LC0402T-12N	12	250	10 / 5 / 3 / 2	24	3600	0.230	640
LC0402T-15N	15	250	10 / 5 / 3 / 2	24	3280	0.230	560
LC0402T-19N	19	250	10 / 5 / 3 / 2	24	3040	0.270	480
LC0402T-23N	23	250	10 / 5 / 3 / 2	22	2720	0.300	400
LC0402T-27N	27	250	10 / 5 / 3 / 2	24	2480	0.350	400
LC0402T-33N	33	250	10 / 5 / 3 / 2	24	2350	0.440	320
LC0402T-36N	36	250	10 / 5 / 3 / 2	24	2320	0.440	320
LC0402T-40N	40	250	10 / 5 / 3 / 2	24	2240	0.540	320
LC0402T-47N	47	250	10 / 5 / 3 / 2	20	2100	0.830	150

1. Tolerance : G = ±2% , H = ±3% , J = ±5% , K = ±10% ; Packaging : Clear tape and reel { standard }.
2. L , Q : Agilent/HP4291A+Agilent/HP16193A
3. SRF: Agilent/HP8753D / Agilent/HP4291A
4. Rdc : DIGITAL MULTIMETER SC-7401
5. Irms for a 15°C rise above 25°C ambient.
6. Manufactured to RoHS compliance.