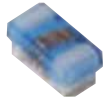


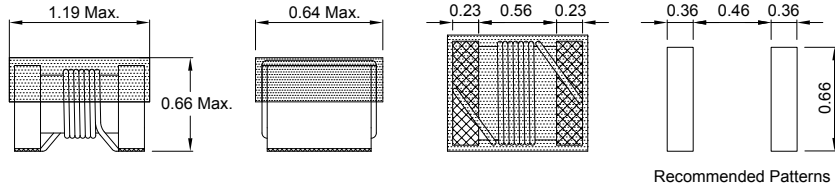
# 0402CP Series

## ■ SMD Wire Wound Ceramic Chip Inductors

### MECHANICAL DIMENSIONS



0402CP



unit: mm

### ELECTRICAL SPECIFICATION

Part Number	Inductance (nH)	Inductance Tolerance	Q (min.)	Test Freq. (MHz)	SRF (GHz) Min.	DCR (Ω) Max.	Rated Current (mA)
0402CP-1N0 □ -LRH	1.0	J, K	16	250	12.70	0.045	1360
0402CP-1N2 □ -LRH	1.2	J, K	16	250	12.90	0.090	740
0402CP-1N8 □ -LRH	1.8	J, K	16	250	12.00	0.070	1040
0402CP-1N9 □ -LRH	1.9	J, K	16	250	11.30	0.070	1040
0402CP-2N0 □ -LRH	2.0	G, J, K	16	250	11.10	0.070	1040
0402CP-2N2 □ -LRH	2.2	G, J, K	19	250	10.80	0.070	960
0402CP-2N4 □ -LRH	2.4	G, J, K	15	250	10.50	0.068	790
0402CP-2N7 □ -LRH	2.7	G, J, K	16	250	10.40	0.120	640
0402CP-3N3 □ -LRH	3.3	G, J, K	19	250	7.00	0.066	840
0402CP-3N6 □ -LRH	3.6	G, J, K	19	250	6.80	0.066	840
0402CP-3N9 □ -LRH	3.9	G, J, K	19	250	6.00	0.066	840
0402CP-4N3 □ -LRH	4.3	G, J, K	18	250	6.00	0.091	700
0402CP-4N7 □ -LRH	4.7	G, J, K	15	250	4.70	0.130	640
0402CP-5N1 □ -LRH	5.1	G, J, K	20	250	4.80	0.083	800
0402CP-5N6 □ -LRH	5.6	G, J, K	20	250	4.80	0.083	760
0402CP-6N2 □ -LRH	6.2	G, J, K	20	250	4.80	0.083	760
0402CP-6N8 □ -LRH	6.8	G, J, K	20	250	4.80	0.083	680
0402CP-7N3 □ -LRH	7.3	G, J, K	20	250	4.80	0.260	680
0402CP-7N5 □ -LRH	7.5	G, J, K	22	250	4.80	0.100	680
0402CP-8N2 □ -LRH	8.2	G, J, K	22	250	4.40	0.100	680
0402CP-8N7 □ -LRH	8.7	G, J, K	18	250	4.10	0.200	480
0402CP-9N1 □ -LRH	9.1	G, J, K	22	250	4.16	0.100	680
0402CP-9N5 □ -LRH	9.5	G, J, K	18	250	4.00	0.200	480
0402CP-10N □ -LRH	10	G, J, K	21	250	3.90	0.200	480
0402CP-11N □ -LRH	11	G, J, K	24	250	3.68	0.120	640
0402CP-12N □ -LRH	12	G, J, K	24	250	3.60	0.120	640
0402CP-13N □ -LRH	13	G, J, K	24	250	3.45	0.210	440
0402CP-15N □ -LRH	15	G, J, K	24	250	3.28	0.170	560
0402CP-16N □ -LRH	16	G, J, K	24	250	3.10	0.220	560
0402CP-18N □ -LRH	18	G, J, K	25	250	3.10	0.230	420
0402CP-19N □ -LRH	19	G, J, K	24	250	3.04	0.200	480
0402CP-20N □ -LRH	20	G, J, K	25	250	3.00	0.250	420
0402CP-22N □ -LRH	22	G, J, K	25	250	2.80	0.300	400
0402CP-23N □ -LRH	23	G, J, K	22	250	2.72	0.300	400
0402CP-24N □ -LRH	24	G, J, K	25	250	2.70	0.300	400
0402CP-27N □ -LRH	27	G, J, K	24	250	2.48	0.300	400
0402CP-30N □ -LRH	30	G, J, K	25	250	2.35	0.300	400
0402CP-33N □ -LRH	33	G, J, K	24	250	2.35	0.440	400
0402CP-36N □ -LRH	36	G, J, K	24	250	2.32	0.440	320
0402CP-39N □ -LRH	39	G, J, K	25	250	2.10	0.550	200
0402CP-40N □ -LRH	40	G, J, K	24	250	2.24	0.440	320
0402CP-43N □ -LRH	43	G, J, K	25	250	2.03	0.810	100
0402CP-47N □ -LRH	47	G, J, K	20	250	2.10	0.830	150
0402CP-51N □ -LRH	51	G, J, K	25	250	1.75	0.820	100
0402CP-56N □ -LRH	56	G, J, K	22	250	1.76	0.970	100
0402CP-68N □ -LRH	68	G, J, K	22	250	1.62	1.120	100
0402CP-82N □ -LRH	82	G, J, K	20	250	1.26	1.550	50
0402CP-R10 □ -LRH	100	G, J, K	20	250	1.16	2.000	30
0402CP-R12 □ -LRH	120	G, J, K	20	250	1.90	2.200	50

- Tolerance: K= ± 10% ; J= ± 5% ; G= ± 2%
- Operating Temp: -40°C to +125°C
- For 15°C Temperature Rise.

- Inductance & Q measured using the HP4291B.
- SRF measured using the HP8753E or HP8720D.
- DCR measured using the 16502 milli-ohm meter.

- Unspecified values available on request.

SMD

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