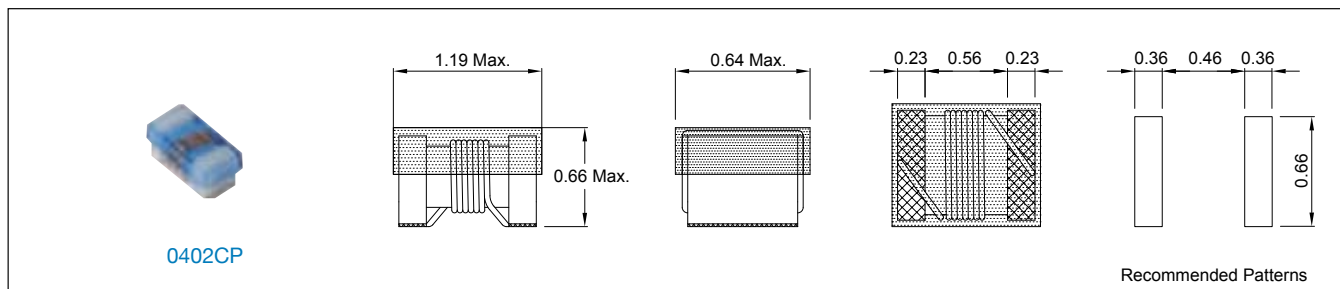


SMD WIRE WOUND CERAMIC CHIP INDUCTORS

0402CP Series

Mechanical Dimensions (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	0.300	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

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0402CP Series

Electrical Specification:

Part Number	Inductance (nH)	Inductance Tolerance	Q Min.	Test Freq. (MHz)	SRF (GHz) Min.	DCR (Ω) Max.	Rated Current (mA)
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	-	250	1.10	2.200	50

- * Tolerance: K=±10%, J=±5%, G=±2%
- * Operating Temp: -40°C to +125°C
- * For 15: 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

Characteristic Curve:

0402CP Series

