

Electrical Characteristics :

C 0405Series

Inductance (μ H)	Q min.	Test Freq. (MHz)	SRF (MHz) min.	RDC (Ω) max.	IDC (mA) max.
0.22 $\pm$ 20%	50	25.200	200.0	0.08	1400
0.27 $\pm$ 20%	50	25.200	180.0	0.09	1350
0.33 $\pm$ 20%	50	25.200	160.0	0.10	1300
0.39 $\pm$ 20%	50	25.200	140.0	0.11	1250
0.47 $\pm$ 20%	50	25.200	130.0	0.12	1200
0.56 $\pm$ 20%	50	25.200	120.0	0.14	1150
0.68 $\pm$ 20%	50	25.200	120.0	0.15	1100
0.82 $\pm$ 20%	50	25.200	90.0	0.16	1050
1.00 $\pm$ 10%	50	25.200	85.0	0.17	1000
1.20 $\pm$ 10%	50	7.960	80.0	0.18	900
1.50 $\pm$ 10%	50	7.960	75.0	0.20	800
1.80 $\pm$ 10%	50	7.960	57.0	0.22	770
2.20 $\pm$ 10%	50	7.960	47.0	0.24	750
2.70 $\pm$ 10%	50	7.960	42.0	0.26	710
3.30 $\pm$ 10%	50	7.960	37.0	0.28	670
3.90 $\pm$ 10%	50	7.960	35.0	0.30	620
4.70 $\pm$ 10%	50	7.960	31.0	0.34	560
5.60 $\pm$ 10%	50	7.960	27.0	0.45	540
6.80 $\pm$ 10%	50	7.960	25.0	0.50	520
8.20 $\pm$ 10%	50	7.960	23.0	0.57	490
10.00 $\pm$ 10%	50	7.960	21.0	0.62	460
12.00 $\pm$ 10%	50	2.520	18.0	0.90	360
15.00 $\pm$ 10%	50	2.520	16.0	1.00	340
18.00 $\pm$ 10%	50	2.520	15.0	1.10	310
22.00 $\pm$ 10%	50	2.520	13.0	1.20	280
27.00 $\pm$ 10%	50	2.520	12.0	1.30	260
33.00 $\pm$ 10%	50	2.520	11.0	1.70	240
39.00 $\pm$ 10%	50	2.520	10.0	1.90	220
47.00 $\pm$ 10%	50	2.520	10.0	2.20	210
56.00 $\pm$ 10%	50	2.520	9.0	2.40	190
68.00 $\pm$ 10%	50	2.520	8.5	3.00	175
82.00 $\pm$ 10%	50	2.520	8.0	3.30	165
100.00 $\pm$ 10%	50	2.520	7.0	4.00	155
120.00 $\pm$ 10%	50	0.796	6.5	4.90	145
150.00 $\pm$ 10%	50	0.796	6.0	4.50	130
180.00 $\pm$ 10%	50	0.796	5.3	6.00	125
220.00 $\pm$ 10%	50	0.796	5.0	7.00	120
270.00 $\pm$ 10%	50	0.796	4.6	9.00	105
330.00 $\pm$ 10%	50	0.796	4.2	13.00	95
390.00 $\pm$ 10%	50	0.796	3.8	15.00	90
470.00 $\pm$ 10%	50	0.796	3.4	17.00	80
560.00 $\pm$ 10%	50	0.796	2.8	19.00	75
680.00 $\pm$ 10%	50	0.796	2.6	21.00	70
820.00 $\pm$ 10%	50	0.796	2.4	25.00	60
1000.00 $\pm$ 10%	50	0.796	2.2	31.50	55

C 0204Series

Inductance (μ H)	Q min.	Test Freq. (MHz)	SRF (MHz) min.	RDC (Ω) max.	IDC (mA) max.
0.10 $\pm$ 10%	40	25.200	600.0	0.16	800
0.12 $\pm$ 10%	40	25.200	520.0	0.16	790
0.15 $\pm$ 10%	40	25.200	500.0	0.16	790
0.18 $\pm$ 10%	40	25.200	480.0	0.18	745
0.22 $\pm$ 10%	40	25.200	420.0	0.20	705
0.27 $\pm$ 10%	40	25.200	390.0	0.22	670

0.33 $\pm$ 10%	40	25.200	350.0	0.24	645
0.39 $\pm$ 10%	50	25.200	320.0	0.27	605
0.47 $\pm$ 10%	50	25.200	300.0	0.30	575
0.56 $\pm$ 10%	50	25.200	280.0	0.34	540
0.68 $\pm$ 10%	50	25.200	240.0	0.38	510
0.82 $\pm$ 10%	50	25.200	210.0	0.43	480
1.00 $\pm$ 10%	50	25.200	190.0	0.46	465
1.20 $\pm$ 10%	50	7.960	110.0	0.52	435
1.50 $\pm$ 10%	50	7.960	80.0	0.57	415
1.80 $\pm$ 10%	50	7.960	66.0	0.60	405
2.20 $\pm$ 10%	50	7.960	60.0	0.65	390
2.70 $\pm$ 10%	50	7.960	54.0	0.73	370
3.30 $\pm$ 10%	50	7.960	48.0	0.82	345
3.90 $\pm$ 10%	50	7.960	44.0	0.90	330
4.70 $\pm$ 10%	50	7.960	38.0	1.00	315
5.60 $\pm$ 10%	50	7.960	34.0	1.10	300
6.80 $\pm$ 10%	50	7.960	30.0	1.20	285
8.20 $\pm$ 10%	50	7.960	26.0	1.30	275
10.00 $\pm$ 10%	50	7.960	24.0	1.40	265
12.00 $\pm$ 10%	50	2.520	22.0	1.50	255
15.00 $\pm$ 10%	50	2.520	20.0	1.65	245
18.00 $\pm$ 10%	50	2.520	18.0	1.90	225
22.00 $\pm$ 10%	50	2.520	17.0	2.20	210
27.00 $\pm$ 10%	50	2.520	16.0	2.50	200
33.00 $\pm$ 10%	50	2.520	14.0	3.80	160
39.00 $\pm$ 10%	50	2.520	13.0	4.20	150
47.00 $\pm$ 10%	50	2.520	12.0	4.60	145
56.00 $\pm$ 10%	40	2.520	11.0	5.10	140
68.00 $\pm$ 10%	40	2.520	10.0	5.60	130
82.00 $\pm$ 10%	40	2.520	9.5	9.60	100
100.00 $\pm$ 10%	40	2.520	8.0	10.80	95
120.00 $\pm$ 10%	40	0.796	6.5	12.50	85
150.00 $\pm$ 10%	40	0.796	6.0	14.50	80
180.00 $\pm$ 10%	40	0.796	5.5	16.30	75
220.00 $\pm$ 10%	40	0.796	5.0	20.00	70

C0512 Series

Inductance (μ H)	Q min.	Test Freq. (MHz)	SRF (MHz) min.	RDC (Ω) max.	IDC (mA) max.
33 $\pm$ 10%	40	2.520	7.00	0.45	500
47 $\pm$ 10%	30	2.520	5.00	0.50	450
68 $\pm$ 10%	30	2.520	4.00	0.60	380
100 $\pm$ 10%	30	0.796	3.00	0.75	320
220 $\pm$ 10%	30	0.796	0.80	1.05	280
470 $\pm$ 5%	35	0.796	1.50	2.50	200
1000 $\pm$ 5%	50	0.252	1.20	4.80	140
1200 $\pm$ 5%	50	0.252	1.00	5.00	130
1500 $\pm$ 5%	45	0.252	1.00	6.50	120
2200 $\pm$ 5%	40	0.252	0.80	9.00	90
3300 $\pm$ 5%	40	0.252	0.60	18.0	75
3900 $\pm$ 5%	40	0.252	0.60	20.0	70
4700 $\pm$ 5%	40	0.252	0.50	26.0	60
8200 $\pm$ 5%	40	0.252	0.38	40.0	50
10000 $\pm$ 5%	30	0.079	0.32	48.0	45
22000 $\pm$ 5%	30	0.079	0.24	136.0	25
47000 $\pm$ 5%	20	0.079	0.16	240.0	20
100000 $\pm$ 5%	20	0.079	0.12	480.0	15