

Electrical Characteristics :

C0307 Series

Inductance (μ H)	Q min.	Test Freq. (MHz)	SRF (MHz) min.	RDC (Ω) max.	IDC (mA) max.
0.10 $\pm$ 20%	45	25.200	480.0	0.06	1400
0.12 $\pm$ 20%	45	25.200	450.0	0.06	1350
0.15 $\pm$ 20%	45	25.200	420.0	0.07	1270
0.18 $\pm$ 20%	45	25.200	400.0	0.07	1200
0.22 $\pm$ 20%	45	25.200	380.0	0.08	1150
0.27 $\pm$ 20%	45	25.200	360.0	0.09	1100
0.33 $\pm$ 20%	45	25.200	320.0	0.10	1100
0.39 $\pm$ 20%	45	25.200	310.0	0.12	1000
0.47 $\pm$ 20%	45	25.200	300.0	0.15	1000
0.56 $\pm$ 20%	45	25.200	280.0	0.18	950
0.68 $\pm$ 20%	45	25.200	240.0	0.20	900
0.82 $\pm$ 20%	45	25.200	200.0	0.22	900
1.00 $\pm$ 10%	45	25.200	180.0	0.25	815
1.20 $\pm$ 10%	45	7.96	160.0	0.28	740
1.50 $\pm$ 10%	45	7.96	140.0	0.30	700
1.80 $\pm$ 10%	45	7.96	120.0	0.35	655
2.20 $\pm$ 10%	45	7.96	110.0	0.40	630
2.70 $\pm$ 10%	45	7.96	85.0	0.45	595
3.30 $\pm$ 10%	45	7.96	74.0	0.50	575
3.90 $\pm$ 10%	45	7.96	62.0	0.55	555
4.70 $\pm$ 10%	45	7.96	48.0	0.60	530
5.60 $\pm$ 10%	45	7.96	35.0	0.65	500
6.80 $\pm$ 10%	45	7.96	28.0	0.70	470
8.20 $\pm$ 10%	45	7.96	20.0	0.80	425
10.00 $\pm$ 10%	45	7.96	18.0	0.85	370
12.00 $\pm$ 10%	45	7.96	16.0	0.90	350
15.00 $\pm$ 10%	45	7.96	14.0	1.00	335
18.00 $\pm$ 10%	45	7.96	12.0	1.20	315
22.00 $\pm$ 10%	45	7.96	10.0	1.35	285
27.00 $\pm$ 10%	45	7.96	9.0	1.80	270
33.00 $\pm$ 10%	45	7.96	8.0	2.10	255
39.00 $\pm$ 10%	45	7.96	7.5	2.30	240
47.00 $\pm$ 10%	45	7.96	7.0	2.60	205
56.00 $\pm$ 10%	45	7.96	6.5	2.90	195
68.00 $\pm$ 10%	45	7.96	6.0	3.20	185
82.00 $\pm$ 10%	45	7.96	5.5	3.80	175
100.00 $\pm$ 10%	45	7.96	5.0	4.20	165
120.00 $\pm$ 10%	45	7.96	4.8	4.50	160
150.00 $\pm$ 10%	45	7.96	4.5	5.00	150
180.00 $\pm$ 10%	45	7.96	4.0	6.00	140
220.00 $\pm$ 10%	45	7.96	3.5	7.00	130
270.00 $\pm$ 10%	45	7.96	3.0	7.50	120
330.00 $\pm$ 10%	45	7.96	2.8	8.00	100
390.00 $\pm$ 10%	45	7.96	2.6	10.00	95
470.00 $\pm$ 10%	45	7.96	2.4	13.00	90
560.00 $\pm$ 10%	45	7.96	2.0	15.00	85
680.00 $\pm$ 10%	45	7.96	1.8	16.00	75
820.00 $\pm$ 10%	45	7.96	1.6	23.00	65
1000.00 $\pm$ 10%	45	7.96	1.4	26.00	60

C0410 Series

Inductance (μ H)	Q min.	Test Freq. (MHz)	SRF (MHz) min.	RDC (Ω) max.	IDC (mA) max.
0.10 $\pm$ 20%	50	25.200	480.0	0.06	1700
0.12 $\pm$ 20%	50	25.200	450.0	0.06	1640
0.15 $\pm$ 20%	50	25.200	420.0	0.07	1560
0.18 $\pm$ 20%	50	25.200	400.0	0.07	1480
0.22 $\pm$ 20%	50	25.200	380.0	0.08	1400
0.27 $\pm$ 20%	50	25.200	340.0	0.09	1320
0.33 $\pm$ 20%	50	25.200	300.0	0.10	1280
0.39 $\pm$ 20%	50	25.200	280.0	0.12	1200
0.47 $\pm$ 20%	50	25.200	250.0	0.13	1150
0.56 $\pm$ 20%	50	25.200	230.0	0.14	1100
0.68 $\pm$ 20%	50	25.200	210.0	0.15	1030
0.82 $\pm$ 20%	50	25.200	172.0	0.16	980
1.00 $\pm$ 10%	50	25.200	157.0	0.17	920
1.20 $\pm$ 10%	50	7.96	144.0	0.18	880
1.50 $\pm$ 10%	50	7.96	131.0	0.2	830
1.80 $\pm$ 10%	50	7.96	121.0	0.22	790
2.20 $\pm$ 10%	50	7.96	110.0	0.24	750
2.70 $\pm$ 10%	60	7.96	100.0	0.25	720
3.30 $\pm$ 10%	60	7.96	94.0	0.30	670
3.90 $\pm$ 10%	60	7.96	86.0	0.35	640
4.70 $\pm$ 10%	70	7.96	80.0	0.40	650
5.60 $\pm$ 10%	70	7.96	74.0	0.45	590
6.80 $\pm$ 10%	70	7.96	68.0	0.50	550
8.20 $\pm$ 10%	80	7.96	53.0	0.6	530
10.00 $\pm$ 10%	80	7.96	40.0	0.65	500
12.00 $\pm$ 10%	70	7.96	34.0	0.70	480
15.00 $\pm$ 10%	70	7.96	20.0	0.75	460
18.00 $\pm$ 10%	60	7.96	14.0	0.80	430
22.00 $\pm$ 10%	60	7.96	9.9	0.90	410
27.00 $\pm$ 10%	50	7.96	7.6	1.00	390
33.00 $\pm$ 10%	50	7.96	6.5	1.10	370
39.00 $\pm$ 10%	50	7.96	6.5	1.20	350
47.00 $\pm$ 10%	45	7.96	6.3	1.30	340
56.00 $\pm$ 10%	45	7.96	6.2	1.50	320
68.00 $\pm$ 10%	40	7.96	5.7	1.80	305
82.00 $\pm$ 10%	35	7.96	5.3	2.00	290
100.00 $\pm$ 10%	30	7.96	4.8	2.50	275
120.00 $\pm$ 10%	60	7.96	3.8	3.00	185
150.00 $\pm$ 10%	60	7.96	3.5	4.00	175
180.00 $\pm$ 10%	60	7.96	3.0	4.50	165
220.00 $\pm$ 10%	60	7.96	2.8	5.00	155
270.00 $\pm$ 10%	60	7.96	2.6	6.00	145
330.00 $\pm$ 10%	60	7.96	2.4	6.50	137
390.00 $\pm$ 10%	55	7.96	2.0	7.50	133
470.00 $\pm$ 10%	50	7.96	1.8	8.50	126
560.00 $\pm$ 10%	50	7.96	1.6	9.50	120
680.00 $\pm$ 10%	45	7.96	1.6	12.00	113
820.00 $\pm$ 10%	45	7.96	1.4	14.00	105
1000.00 $\pm$ 10%	40	7.96	1.2	20.00	85