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RI 0506 Series

Part Number	Inductance (uH)	Q min.	Test Freq. (MHz) L,Q	SRF (MHz) min.	DCR (Ω) max.	IDC (A)max.
RI 0506-1R0M	1.0 ± 20%	60	7.96	105.0	0.10	1.030
RI 0506-1R2M	1.2 ± 20%	60	7.96	90.0	0.15	0.980
RI 0506-1R5M	1.5 ± 20%	60	7.96	75.0	0.20	0.920
RI 0506-1R8M	1.8 ± 20%	60	7.96	70.0	0.22	0.880
RI 0506-2R2M	2.2 ± 20%	60	7.96	65.0	0.24	0.830
RI 0506-2R7M	2.7 ± 20%	60	7.96	60.0	0.27	0.790
RI 0506-3R3M	3.3 ± 20%	60	7.96	50.0	0.30	0.750
RI 0506-3R9M	3.9 ± 20%	60	7.96	45.0	0.30	0.720
RI 0506-4R7M	4.7 ± 20%	60	7.96	40.0	0.35	0.670
RI 0506-5R6K	5.6 ± 10%	60	7.96	35.0	0.35	0.640
RI 0506-6R8K	6.8 ± 10%	60	7.96	30.0	0.40	0.620
RI 0506-8R2K	8.2 ± 10%	60	7.96	25.0	0.40	0.590
RI 0506-100K	10 ± 10%	60	2.52	20.0	0.45	0.550
RI 0506-120K	12 ± 10%	60	2.52	15.0	0.50	0.530
RI 0506-150K	15 ± 10%	60	2.52	13.0	0.55	0.500
RI 0506-180K	18 ± 10%	60	2.52	11.0	0.60	0.480
RI 0506-220K	22 ± 10%	60	2.52	10.0	0.65	0.460
RI 0506-270K	27 ± 10%	50	2.52	9.0	0.75	0.430
RI 0506-330K	33 ± 10%	50	2.52	8.0	0.85	0.410
RI 0506-390K	39 ± 10%	50	2.52	7.5	0.90	0.390
RI 0506-470K	47 ± 10%	50	2.52	7.0	1.00	0.370
RI 0506-560K	56 ± 10%	50	2.52	6.5	1.20	0.350
RI 0506-680K	68 ± 10%	50	2.52	6.0	1.30	0.340
RI 0506-820K	82 ± 10%	50	2.52	5.5	1.50	0.320
RI 0506-101K	100 ± 10%	50	0.796	5.0	1.70	0.305
RI 0506-121K	120 ± 10%	50	0.796	4.8	1.90	0.290
RI 0506-151K	150 ± 10%	50	0.796	4.4	2.10	0.275
RI 0506-181K	180 ± 10%	50	0.796	4.2	2.30	0.235
RI 0506-221K	220 ± 10%	45	0.796	3.8	2.50	0.200
RI 0506-271K	270 ± 10%	45	0.796	3.6	2.75	0.180
RI 0506-331K	330 ± 10%	45	0.796	3.3	4.68	0.165
RI 0506-391K	390 ± 10%	45	0.796	3.0	6.00	0.150
RI 0506-471K	470 ± 10%	55	0.796	2.8	6.50	0.140
RI 0506-561K	560 ± 10%	55	0.796	2.4	8.50	0.135
RI 0506-681K	680 ± 10%	55	0.796	2.2	9.00	0.125
RI 0506-821K	820 ± 10%	55	0.796	2.0	9.60	0.120
RI 0506-102K	1000 ± 10%	55	0.252	1.8	11.50	0.100

RI 0610 Series

Part Number	Inductance (uH)	Q min.	Test Freq. (Hz)		SRF (MHz) min.	DCR (Ω) max.	IDC (A)max.
			L	Q			
RI 0610-100K	10 ± 10%	20	1K	2.520M	16.0	0.07	1.10
RI 0610-120K	12 ± 10%	20	1K	2.520M	12.0	0.08	1.00
RI 0610-150K	15 ± 10%	20	1K	2.520M	10.0	0.09	0.90
RI 0610-180K	18 ± 10%	20	1K	2.520M	10.0	0.10	0.75
RI 0610-220K	22 ± 10%	20	1K	2.520M	9.0	0.12	0.70
RI 0610-270K	27 ± 10%	20	1K	2.520M	8.0	0.13	0.65
RI 0610-330K	33 ± 10%	20	1K	2.520M	7.0	0.15	0.60
RI 0610-390K	39 ± 10%	20	1K	2.520M	6.0	0.16	0.55

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RI 0610 Series

Part Number	Inductance (uH)	Q min.	Test Freq. (Hz)		SRF (MHz) min.	DCR (Ω) max.	IDC (A)max.
			L	Q			
RI 0610-470K	47 ± 10%	20	1K	2.520M	6.0	0.18	0.45
RI 0610-560K	56 ± 10%	20	1K	2.520M	5.0	0.21	0.40
RI 0610-680K	68 ± 10%	20	1K	2.520M	5.0	0.24	0.36
RI 0610-820K	82 ± 10%	20	1K	2.520M	5.0	0.35	0.34
RI 0610-101K	100 ± 10%	20	1K	0.796M	4.0	0.40	0.32
RI 0610-121K	120 ± 10%	20	1K	0.796M	4.0	0.45	0.30
RI 0610-151K	150 ± 10%	20	1K	0.796M	3.5	0.50	0.28
RI 0610-181K	180 ± 10%	20	1K	0.796M	3.0	0.75	0.26
RI 0610-221K	220 ± 10%	20	1K	0.796M	3.0	0.90	0.24
RI 0610-271K	270 ± 10%	20	1K	0.796M	2.5	1.00	0.22
RI 0610-331K	330 ± 10%	20	1K	0.796M	2.5	1.10	0.20
RI 0610-391K	390 ± 10%	20	1K	0.796M	2.0	1.20	0.18
RI 0610-471K	470 ± 10%	20	1K	0.796M	2.0	1.50	0.16
RI 0610-561K	560 ± 10%	20	1K	0.796M	2.0	1.80	0.15

RI 0710 Series

Part Number	Inductance (uH)	Q min.	Test Freq. (MHz)		SRF (MHz) min.	DCR (Ω) max.	IDC (A)max.
			L,Q				
RI 0710-470K	47 ± 10%	30	2.52		6.00	0.40	0.450
RI 0710-560K	56 ± 10%	30	2.52		5.50	0.45	0.400
RI 0710-680K	68 ± 10%	30	2.52		5.00	0.50	0.360
RI 0710-820K	82 ± 10%	30	2.52		4.50	0.50	0.340
RI 0710-101K	100 ± 10%	45	0.796		4.20	0.60	0.320
RI 0710-121K	120 ± 10%	45	0.796		3.60	0.70	0.300
RI 0710-151K	150 ± 10%	45	0.796		3.40	0.90	0.280
RI 0710-181K	180 ± 10%	45	0.796		3.20	1.00	0.260
RI 0710-221K	220 ± 10%	45	0.796		3.00	1.20	0.240
RI 0710-271K	270 ± 10%	45	0.796		2.80	1.40	0.220
RI 0710-331K	330 ± 10%	45	0.796		2.50	1.60	0.200
RI 0710-391K	390 ± 10%	45	0.796		2.30	1.80	0.180
RI 0710-471K	470 ± 10%	45	0.796		2.20	2.00	0.160
RI 0710-561K	560 ± 10%	45	0.796		2.00	2.50	0.150
RI 0710-681K	680 ± 10%	45	0.796		1.70	2.90	0.140
RI 0710-821K	820 ± 10%	45	0.796		1.50	3.10	0.130
RI 0710-102K	1000 ± 10%	45	0.252		1.40	3.90	0.120
RI 0710-122K	1200 ± 10%	60	0.252		1.10	4.40	0.110
RI 0710-152K	1500 ± 10%	60	0.252		0.90	6.00	0.10
RI 0710-182K	1800 ± 10%	60	0.252		0.80	7.00	0.090
RI 0710-222K	2200 ± 10%	60	0.252		0.75	8.00	0.080
RI 0710-272K	2700 ± 10%	60	0.252		0.70	9.00	0.070
RI 0710-332K	3300 ± 10%	60	0.252		0.60	12.00	0.060
RI 0710-392K	3900 ± 10%	60	0.252		0.55	14.00	0.055
RI 0710-472K	4700 ± 10%	60	0.252		0.50	16.00	0.050
RI 0710-562K	5600 ± 10%	60	0.252		0.48	18.00	0.045
RI 0710-682K	6800 ± 10%	60	0.252		0.44	24.00	0.040
RI 0710-822K	8200 ± 10%	60	0.252		0.40	30.00	0.036
RI 0710-103K	10000 ± 10%	60	0.0796		0.36	39.00	0.034

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■ RI 0710 Series

Part Number	Inductance (uH)	Q min.	Test Freq. (MHz) L,Q	SRF (MHz) min.	DCR (Ω) max.	IDC (A)max.
RI 0710-123K	12000 $\pm$ 10%	60	0.0796	0.32	46.00	0.032
RI 0710-153K	15000 $\pm$ 10%	60	0.0796	0.30	54.00	0.030
RI 0710-183K	18000 $\pm$ 10%	60	0.0796	0.28	76.00	0.027
RI 0710-223K	22000 $\pm$ 10%	60	0.0796	0.24	92.00	0.025
RI 0710-273K	27000 $\pm$ 10%	60	0.0796	0.20	102.00	0.022
RI 0710-333K	33000 $\pm$ 10%	60	0.0796	0.16	140.00	0.020
RI 0710-393K	39000 $\pm$ 10%	60	0.0796	0.13	150.00	0.018
RI 0710-473K	47000 $\pm$ 10%	60	0.0796	0.10	162.00	0.016

■ RI 0810 Series

Part Number	Inductance (uH)	Q min.	Test Freq. (Hz)		SRF (MHz) min.	DCR (Ω) max.	IDC (A)max.
			L	Q			
RI 0810-1R5M	1.5 $\pm$ 20%	30	1K	7.960M	78.0	0.008	5.40
RI 0810-2R2M	2.2 $\pm$ 20%	30	1K	7.960M	63.0	0.010	4.50
RI 0810-3R3M	3.3 $\pm$ 20%	30	1K	7.960M	50.0	0.018	3.60
RI 0810-4R7M	4.7 $\pm$ 20%	30	1K	7.960M	41.0	0.022	3.10
RI 0810-6R8M	6.8 $\pm$ 10%	30	1K	7.960M	33.0	0.028	2.50
RI 0810-100K	10 $\pm$ 10%	60	1K	2.520M	27.0	0.043	2.10
RI 0810-150K	15 $\pm$ 10%	50	1K	2.520M	21.0	0.056	1.70
RI 0810-220K	22 $\pm$ 10%	50	1K	2.520M	17.0	0.086	1.40
RI 0810-330K	33 $\pm$ 10%	45	1K	2.520M	13.0	0.140	1.10
RI 0810-470K	47 $\pm$ 10%	40	1K	2.520M	11.0	0.170	0.96
RI 0810-680K	68 $\pm$ 10%	35	1K	2.520M	9.0	0.280	0.79
RI 0810-101K	100 $\pm$ 10%	55	1K	0.796M	7.2	0.330	0.66
RI 0810-151K	150 $\pm$ 10%	40	1K	0.796M	5.7	0.560	0.53
RI 0810-221K	220 $\pm$ 10%	30	1K	0.796M	4.5	0.720	0.44
RI 0810-331K	330 $\pm$ 10%	25	1K	0.796M	3.6	1.100	0.36
RI 0810-471K	470 $\pm$ 10%	25	1K	0.796M	2.9	1.700	0.30
RI 0810-681K	680 $\pm$ 10%	25	1K	0.796M	2.3	2.300	0.25
RI 0810-102K	1000 $\pm$ 10%	25	1K	0.252M	1.9	4.300	0.20

■ RI 0812 Series

Part Number	Inductance (uH)	Q min.	Test Freq. (MHz) L,Q	SRF (MHz) min.	DCR (Ω) max.	IDC (A)max.
RI 0812-3R3M	3.3 $\pm$ 20%	20	7.96	70.0	0.027	3.60
RI 0812-4R7M	4.7 $\pm$ 20%	20	7.96	50.0	0.033	3.20
RI 0812-6R8M	6.8 $\pm$ 20%	20	7.96	30.0	0.039	3.00
RI 0812-100K	10 $\pm$ 10%	50	2.52	20.0	0.048	2.70

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■ RI 0812 Series

Part Number	Inductance (uH)	Q min.	Test Freq. (MHz) L,Q	SRF (MHz) min.	DCR (Ω) max.	IDC (A)max.
RI 0812-120K	12 $\pm$ 10%	50	2.52	15.0	0.055	2.50
RI 0812-150K	15 $\pm$ 10%	50	2.52	10.0	0.060	2.40
RI 0812-180K	18 $\pm$ 10%	40	2.52	9.5	0.065	2.30
RI 0812-220K	22 $\pm$ 10%	40	2.52	9.0	0.090	1.90
RI 0812-270K	27 $\pm$ 10%	40	2.52	8.5	0.110	1.80
RI 0812-330K	33 $\pm$ 10%	40	2.52	8.0	0.120	1.70
RI 0812-390K	39 $\pm$ 10%	30	2.52	7.0	0.130	1.60
RI 0812-470K	47 $\pm$ 10%	30	2.52	6.0	0.140	1.50
RI 0812-560K	56 $\pm$ 10%	30	2.52	5.0	0.200	1.30
RI 0812-680K	68 $\pm$ 10%	30	2.52	4.5	0.210	1.20
RI 0812-820K	82 $\pm$ 10%	30	2.52	4.0	0.230	1.10
RI 0812-101K	100 $\pm$ 10%	30	0.796	3.5	0.280	1.00
RI 0812-121K	120 $\pm$ 10%	30	0.796	3.0	0.320	0.90
RI 0812-151K	150 $\pm$ 10%	30	0.796	2.8	0.370	0.80
RI 0812-181K	180 $\pm$ 10%	30	0.796	2.6	0.540	0.75
RI 0812-221K	220 $\pm$ 10%	30	0.796	2.4	0.600	0.70
RI 0812-271K	270 $\pm$ 10%	20	0.796	2.2	0.680	0.65
RI 0812-331K	330 $\pm$ 10%	20	0.796	2.0	0.760	0.60
RI 0812-391K	390 $\pm$ 10%	20	0.796	1.9	0.085	0.55
RI 0812-471K	470 $\pm$ 10%	20	0.796	1.8	1.300	0.50
RI 0812-561K	560 $\pm$ 10%	20	0.796	1.7	1.400	0.45
RI 0812-681K	680 $\pm$ 10%	20	0.796	1.6	1.600	0.40
RI 0812-821K	820 $\pm$ 10%	20	0.796	1.5	1.800	0.35
RI 0812-102K	1000 $\pm$ 10%	40	0.252	1.3	2.100	0.30

■ RI 0912 Series

Part Number	Inductance (uH)	Q min.	Test Freq. (MHz) L,Q	SRF (MHz) min.	DCR (Ω) max.	IDC (A)max.
RI 0912-101K	100 $\pm$ 10%	45	796.0	3.20	0.85	0.350
RI 0912-121K	120 $\pm$ 10%	45	796.0	3.00	0.95	0.330
RI 0912-151K	150 $\pm$ 10%	45	796.0	2.80	1.05	0.310
RI 0912-181K	180 $\pm$ 10%	45	796.0	2.50	1.15	0.300
RI 0912-221K	220 $\pm$ 10%	40	796.0	2.10	1.30	0.280
RI 0912-271K	270 $\pm$ 10%	40	796.0	2.00	1.50	0.260
RI 0912-331K	330 $\pm$ 10%	40	796.0	1.95	1.70	0.240
RI 0912-391K	390 $\pm$ 10%	40	796.0	1.85	1.85	0.230
RI 0912-471K	470 $\pm$ 10%	35	796.0	1.55	2.30	0.210
RI 0912-561K	560 $\pm$ 10%	35	796.0	1.30	2.55	0.200
RI 0912-681K	680 $\pm$ 10%	35	796.0	1.15	2.85	0.190
RI 0912-821K	820 $\pm$ 10%	35	796.0	1.00	3.10	0.180
RI 0912-102K	1000 $\pm$ 10%	50	252.0	0.90	4.10	0.160
RI 0912-122K	1200 $\pm$ 10%	50	252.0	0.80	4.70	0.150
RI 0912-152K	1500 $\pm$ 10%	50	252.0	0.70	5.80	0.130
RI 0912-182K	1800 $\pm$ 10%	50	252.0	0.60	7.40	0.115
RI 0912-222K	2200 $\pm$ 10%	50	252.0	0.55	8.40	0.110
RI 0912-272K	2700 $\pm$ 10%	50	252.0	0.50	9.60	0.095
RI 0912-332K	3300 $\pm$ 10%	50	252.0	0.45	10.50	0.080
RI 0912-392K	3900 $\pm$ 10%	50	252.0	0.40	12.00	0.070

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■ RI 0912 Series

Part Number	Inductance (uH)	Q min.	Test Freq. (MHz) L,Q	SRF (MHz) min.	DCR (Ω) max.	IDC (A)max.
RI 0912-472K	4700 ± 10%	45	252.0	0.38	14.00	0.065
RI 0912-562K	5600 ± 10%	45	252.0	0.36	16.00	0.060
RI 0912-682K	6800 ± 10%	40	252.0	0.34	18.00	0.055
RI 0912-822K	8200 ± 10%	40	252.0	0.32	24.50	0.050
RI 0912-103K	10000 ± 10%	50	79.6	0.30	32.00	0.045
RI 0912-123K	12000 ± 10%	50	79.6	0.28	36.00	0.040
RI 0912-153K	15000 ± 10%	50	79.6	0.26	48.00	0.035
RI 0912-183K	18000 ± 10%	45	79.6	0.24	52.00	0.030
RI 0912-223K	22000 ± 10%	45	79.6	0.22	58.00	0.028
RI 0912-273K	27000 ± 10%	45	79.6	0.20	62.00	0.026
RI 0912-333K	33000 ± 10%	45	79.6	0.18	90.00	0.024
RI 0912-393K	39000 ± 10%	40	79.6	0.17	100.00	0.022
RI 0912-473K	47000 ± 10%	35	79.6	0.16	150.00	0.020
RI 0912-563K	56000 ± 10%	35	79.6	0.15	200.00	0.018
RI 0912-683K	68000 ± 10%	35	79.6	0.14	220.00	0.016
RI 0912-823K	82000 ± 10%	30	79.6	0.12	240.00	0.014

■ RI 1112 Series

Part Number	Inductance (uH)	Q min.	Test Freq. (Hz)		SRF (MHz) min.	DCR (Ω) max.	IDC (A)max.
			L	Q			
RI 1112-3R3M	3.3 ± 20%	90	1K	7.96M	59.00	0.008	5.600
RI 1112-4R7M	4.7 ± 20%	100	1K	7.96M	45.00	0.009	4.700
RI 1112-6R8M	6.8 ± 20%	80	1K	7.96M	34.00	0.012	3.900
RI 1112-100M	10 ± 20%	140	1K	2.52M	26.00	0.015	3.200
RI 1112-150M	15 ± 20%	120	1K	2.52M	19.00	0.019	2.600
RI 1112-220K	22 ± 10%	110	1K	2.52M	14.00	0.026	2.200
RI 1112-330K	33 ± 10%	100	1K	2.52M	10.00	0.045	1.800
RI 1112-470K	47 ± 10%	90	1K	2.52M	8.30	0.056	1.500
RI 1112-680K	68 ± 10%	80	1K	2.52M	6.70	0.092	1.200
RI 1112-101K	100 ± 10%	70	1K	796K	5.40	0.120	1.000
RI 1112-151K	150 ± 10%	70	1K	796K	4.30	0.200	0.820
RI 1112-221K	220 ± 10%	40	1K	796K	3.40	0.250	0.680
RI 1112-331K	330 ± 10%	40	1K	796K	2.70	0.420	0.550
RI 1112-471K	470 ± 10%	30	1K	796K	2.30	0.510	0.460
RI 1112-681K	680 ± 10%	30	1K	796K	1.90	0.790	0.380
RI 1112-102K	1000 ± 10%	40	1K	252K	1.60	1.300	1.300
RI 1112-152K	1500 ± 10%	30	1K	252K	1.30	1.700	0.250
RI 1112-222K	2200 ± 10%	60	1K	252K	1.10	2.900	0.210
RI 1112-332K	3300 ± 10%	50	1K	252K	0.90	3.700	0.170
RI 1112-472K	4700 ± 10%	50	1K	252K	0.76	5.600	0.140
RI 1112-682K	6800 ± 10%	60	1K	252K	0.65	9.400	0.120
RI 1112-103K	10000 ± 10%	80	1K	79.6K	0.53	12.000	0.100
RI 1112-153K	15000 ± 10%	70	1K	79.6K	0.41	15.000	0.082