

Conformal Coated RF Chokes

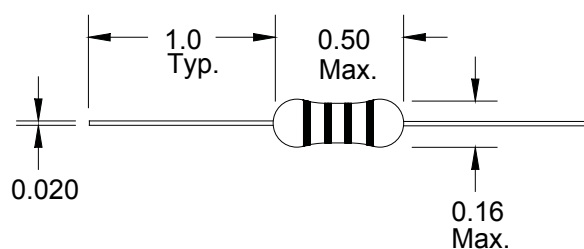
Special Features

- High current, high self resonant frequency
- Low DCR
- Ferrite bobbin core
- Epoxy coated to protect winding from harsh environments
- Low cost
- Color bands identification (Indicates Inductance Value)
- Dielectric strength 500 Vrms
- Operating temperature -55 to +105 °C
- Test frequency : 1 KHz, except 1.0 – 8.2 μ H @ 7.96 MHz

Notes

* Saturation current to cause 5 % max. inductance drop

** Rated current to cause 35 °C max. temperature rise



Dimensions: Inches

5300 Series					
Part Number	L (μ H) $\pm 10\%$	SRF (MHz) Min.	DCR Ω Max.	I sat.* (mA)	I rated** (mA)
5300-01-RC	1.0	190	0.018	3000	3300
5300-02-RC	1.2	170	0.019	2700	3200
5300-03-RC	1.5	160	0.020	2500	3100
5300-04-RC	1.8	150	0.023	2100	2900
5300-05-RC	2.2	130	0.031	2000	2600
5300-06-RC	2.7	120	0.033	1900	2500
5300-07-RC	3.3	110	0.054	1700	1900
5300-08-RC	3.9	100	0.060	1500	1800
5300-09-RC	4.7	86	0.068	1400	1700
5300-10-RC	5.6	64	0.074	1300	1600
5300-11-RC	6.8	44	0.080	1200	1600
5300-12-RC	8.2	32	0.087	1100	1500
5300-13-RC	10	25	0.095	970	1500
5300-14-RC	12	17	0.11	880	1400
5300-15-RC	15	13	0.15	790	1200
5300-16-RC	18	10	0.16	710	1100
5300-17-RC	22	8.4	0.19	640	1000
5300-18-RC	27	8.0	0.22	580	950
5300-19-RC	33	7.6	0.24	530	910
5300-20-RC	39	7.1	0.26	480	880
5300-21-RC	47	6.0	0.35	430	760
5300-22-RC	56	5.8	0.47	400	650
5300-23-RC	68	4.3	0.53	370	610
5300-24-RC	82	4.1	0.60	330	580
5300-25-RC	100	3.9	0.67	300	550
5300-26-RC	120	3.6	0.90	270	470
5300-27-RC	150	3.2	1.2	250	410
5300-28-RC	180	2.8	1.4	220	380
5300-29-RC	220	2.3	1.9	200	320
5300-30-RC	270	2.1	2.1	180	310
5300-31-RC	330	1.9	2.4	170	290
5300-32-RC	390	1.7	3.0	150	260
5300-33-RC	470	1.4	3.4	140	240
5300-34-RC	560	1.3	4.7	130	210
5300-35-RC	680	1.2	6.4	110	180
5300-36-RC	820	1.1	7.1	100	170
5300-37-RC	1000	1.0	7.9	95	160
5300-38-RC	1200	0.94	9.0	87	150
5300-39-RC	1500	0.76	12.0	78	130
5300-40-RC	1800	0.72	14.0	71	120
5300-41-RC	2200	0.64	19.0	64	100
5300-42-RC	2700	0.56	25.0	58	90
5300-43-RC	3300	0.53	29.0	52	83
5300-44-RC	3900	0.48	34.0	48	77
5300-45-RC	4700	0.45	37.0	44	74
5300-46-RC	5600	0.40	50.0	40	63
5300-47-RC	6800	0.36	58.0	36	59
5300-48-RC	8200	0.29	68.0	33	54
5300-49-RC	10,000	0.27	75.0	30	52

Available only as RoHS compliant beginning July 2007.

When ordering non-RoHS compliant versions before July 2007, do not include the -RC suffix in the part number.

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