

# Flat RF Chokes



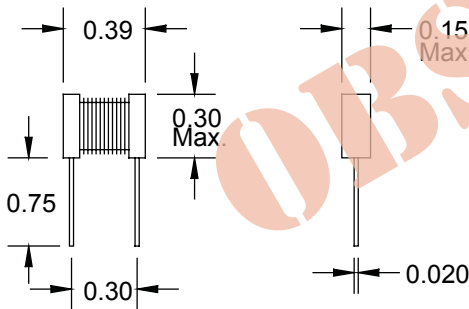
## Special Features

- High Q
- Ferrite core
- Flat body construction to occupy small PCB area
- Low cost
- Varnish coated
- Operating temperature: -55 to +105 °C

## Notes

- \* Saturation current to cause 5 % max. inductance drop
- \*\* Rated current to cause 35 °C max. temperature rise

† RoHS Directive 2002/95/EC Jan 27 2003 including Annex.



Dimensions: Inches

3500 Series						
Part Number	L (μH) ±20 %	Q Min.	Test Freq. (MHz)	DCR Ω Max.	I sat.* (A)	I, DC** (A)
3500-1R0M-RC	1.0	37	7.96	0.010	7.0	3.60
3500-1R2M-RC	1.2	39	7.96	0.012	6.0	3.30
3500-1R5M-RC	1.5	33	7.96	0.014	5.0	3.00
3500-1R8M-RC	1.8	37	7.96	0.020	4.8	2.50
3500-2R2M-RC	2.2	38	7.96	0.025	4.4	2.30
3500-2R7M-RC	2.7	43	7.96	0.028	4.0	2.20
3500-3R3M-RC	3.3	35	7.96	0.036	3.7	1.90
3500-3R9M-RC	3.9	37	7.96	0.050	3.4	1.60
3500-4R7M-RC	4.7	37	7.96	0.053	3.2	1.50
3500-5R6M-RC	5.6	35	7.96	0.092	2.8	1.20
3500-6R8M-RC	6.8	29	7.96	0.113	2.6	1.10
3500-8R2M-RC	8.2	32	7.96	0.116	2.2	1.10
±10 %						
3500-100K-RC	10	31	7.96	0.120	2.1	1.00
3500-120K-RC	12	55	2.52	0.140	2.0	0.96
3500-150K-RC	15	51	2.52	0.158	1.6	0.91
3500-180K-RC	18	46	2.52	0.180	1.5	0.85
3500-220K-RC	22	51	2.52	0.230	1.4	0.75
3500-270K-RC	27	52	2.52	0.265	1.3	0.70
3500-330K-RC	33	47	2.52	0.346	1.2	0.61
3500-390K-RC	39	46	2.52	0.371	1.1	0.59
3500-470K-RC	47	45	2.52	0.502	1.0	0.51
3500-560K-RC	56	45	2.52	0.687	0.95	0.44
3500-680K-RC	68	46	2.52	0.888	0.90	0.38
3500-820K-RC	82	53	2.52	1.20	0.85	0.33
3500-101K-RC	100	39	0.796	1.50	0.80	0.29
3500-121K-RC	120	75	0.796	1.73	0.65	0.27
3500-151K-RC	150	60	0.796	1.96	0.60	0.26
3500-181K-RC	180	75	0.796	2.07	0.56	0.25
3500-221K-RC	220	63	0.796	2.19	0.49	0.24
3500-271K-RC	270	68	0.796	2.53	0.45	0.23
3500-331K-RC	330	64	0.796	3.34	0.41	0.20
3500-391K-RC	390	60	0.796	3.45	0.39	0.19
3500-471K-RC	470	70	0.796	5.29	0.35	0.16
3500-561K-RC	560	68	0.796	5.41	0.32	0.16
3500-681K-RC	680	64	0.796	5.93	0.29	0.15
3500-821K-RC	820	60	0.796	6.33	0.27	0.14
3500-102K-RC	1000	40	0.796	7.31	0.25	0.14
3500-122K-RC	1200	70	0.252	10.0	0.2	0.11
3500-152K-RC	1500	72	0.252	14.3	0.19	0.10
3500-182K-RC	1800	72	0.252	15.8	0.17	0.091
3500-222K-RC	2200	72	0.252	17.6	0.15	0.086
3500-272K-RC	2700	72	0.252	19.3	0.14	0.082
3500-332K-RC	3300	72	0.252	21.7	0.13	0.077
3500-392K-RC	3900	70	0.252	26.0	0.12	0.071
3500-472K-RC	4700	63	0.252	29.9	0.11	0.066
3500-752K-RC	7500	20	0.252	55.0	0.08	0.045
3500-103K-RC	10,000	40	0.0796	80.0	0.07	0.040

“-RC” suffix indicates RoHS compliance.