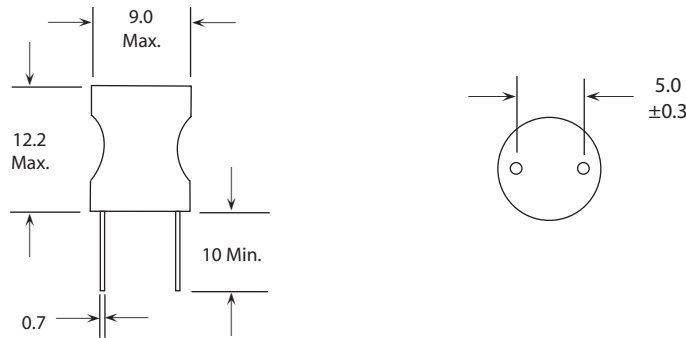


Mechanical Specification


Dimensions: mm

Special Features

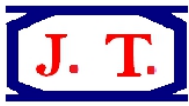
- High current capacity
- Ferrite bobbin core
- Low core loss at frequency
- High reliability, efficiency
- Winding covered with shrink tubing
- Fixed lead spacing
- Operating temperature -55 to +105°C

Notes

- * Current to cause 5% max. inductance drop

Electrical Specification
VV-3500 SERIES

Part Number	L(μH) ±20%	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I _{DC} * (A)
VV-3500-1R0M	1.0	20	7.96	150	0.013	10
VV-3500-1R5M	1.5	20	7.96	130	0.016	8.5
VV-3500-2R2M	2.2	20	7.96	100	0.021	6.5
VV-3500-3R3M	3.3	20	7.96	79	0.025	5.5
VV-3500-4R7M	4.7	20	7.96	51	0.030	4.6
VV-3500-6R8M	6.8	20	7.96	29	0.035	4.1
VV-3500-100K	±10% 10	50	2.52	14	0.045	3.4
VV-3500-120K	12	50	2.52	13	0.050	3.1
VV-3500-150K	15	50	2.52	12	0.056	2.9
VV-3500-180K	18	40	2.52	11	0.061	2.66
VV-3500-220K	22	40	2.52	9.2	0.070	2.4
VV-3500-270K	27	40	2.52	8.5	0.080	2.22
VV-3500-330K	33	30	2.52	7.8	0.090	2.05
VV-3500-390K	39	30	2.52	6.9	0.10	1.85
VV-3500-470K	47	30	2.52	6.5	0.16	1.77
VV-3500-560K	56	30	2.52	5.4	0.18	1.48
VV-3500-680K	68	30	2.52	4.9	0.21	1.36
VV-3500-820K	82	30	2.52	4.1	0.23	1.3
VV-3500-101K	100	20	0.796	3.7	0.28	1.4



continued from previous page

VV-3500 SERIES

Part Number	L(μH) ±20%	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I _{DC} * (A)
VV-3500-151K	150	20	0.796	3.2	0.37	1.15
VV-3500-181K	180	20	0.796	2.8	0.58	1.08
VV-3500-221K	220	20	0.796	2.7	0.65	1.0
VV-3500-271K	270	20	0.796	2.4	0.75	0.90
VV-3500-331K	330	20	0.796	2.3	0.85	0.78
VV-3500-391K	390	20	0.796	2.1	1.0	0.74
VV-3500-471K	470	20	0.796	1.9	1.1	0.68
VV-3500-561K	560	20	0.796	1.8	1.4	0.64
VV-3500-681K	680	20	0.796	1.6	1.6	0.59
VV-3500-821K	820	20	0.796	1.5	1.8	0.56
VV-3500-102K	1000	20	0.252	1.3	2.9	0.51
VV-3500-122K	1200	15	0.252	1.2	3.4	0.48
VV-3500-152K	1500	15	0.252	1.1	3.8	0.43
VV-3500-182K	1800	15	0.252	1.0	5.3	0.39
VV-3500-222K	2200	15	0.252	0.8	5.9	0.36
VV-3500-272K	2700	15	0.252	0.7	8.2	0.32
VV-3500-332K	3300	15	0.252	0.6	9.1	0.29
VV-3500-392K	3900	15	0.252	0.55	9.9	0.27
VV-3500-472K	4700	15	0.252	0.5	13.6	0.24
VV-3500-562K	5600	15	0.252	0.45	14.9	0.22
VV-3500-682K	6800	15	0.252	0.4	20.7	0.20
VV-3500-822K	8200	15	0.252	0.35	22.7	0.18
VV-3500-103K	10,000	15	0.079	0.32	25.1	0.17
VV-3500-123K	12,000	15	0.079	0.28	34.7	0.15
VV-3500-153K	15,000	15	0.079	0.25	48.9	0.14
VV-3500-183K	18,000	15	0.079	0.23	53.6	0.12
VV-3500-223K	22,000	15	0.079	0.21	59.3	0.11
VV-3500-273K	27,000	15	0.079	0.19	82.7	0.10
VV-3500-333K	33,000	15	0.079	0.17	91.5	0.09
VV-3500-393K	39,000	15	0.079	0.15	125.5	0.08
VV-3500-473K	47,000	15	0.079	0.12	137.8	0.08