Mechanical Specification

RoHS COMPLIANT

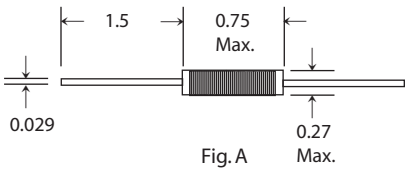

Fig. A

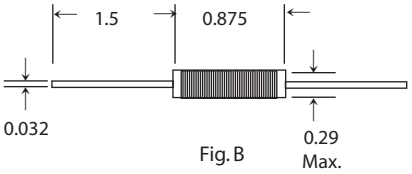

Fig. B

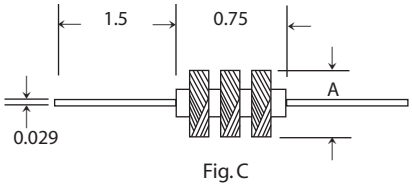

Fig. C

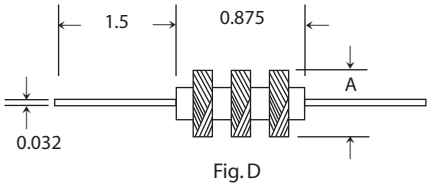

Fig. D

Dimensions:Inches

Special Features

- High Q high self-resonant frequency
- High voltage application on phenolic components
- Single layer or 3-pi universal wound
- Low cost
- Varnish coated
- Operating temperature:phenolic -55℃ to +125℃
  iron & ferrite -55℃ to +105℃

Notes

* Current to cause 35℃ max.temperature rise

Electrical Specification

VV-4600 SERIES

Part Number	L(μH) ±20%	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I,DC* (mA)	Coil Diam. Max.	Core Matl.	Fig.
VV-4601	1.0	60	7.96	190	0.05	2000	0.27	Phenolic	A
VV-4602	±10% 1.5	58	7.96	149	0.093	1800	0.27	Phenolic	A
VV-4603	2.4	56	7.96	120	0.19	1500	0.27	Phenolic	A
VV-4604	3.9	60	7.96	93	0.45	1000	0.27	Phenolic	A
VV-4605	5.5	57	7.96	80	0.67	850	0.27	Phenolic	A
VV-4606	6.2	57	7.96	76	0.83	700	0.27	Phenolic	A
VV-4607	8.2	57	7.96	65	1.2	600	0.27	Phenolic	A
VV-4608	10	36	2.52	61	1.5	500	0.27	Phenolic	A
VV-4609	±5% 10	69	2.52	40	0.11	1500	0.29	Iron	B
VV-4610	15	62	2.52	33	0.17	1000	0.29	Iron	B
VV-4611	24	65	2.52	25	0.34	800	0.29	Iron	B
VV-4612	39	70	2.52	20	0.65	600	0.29	Iron	B
VV-4613	55	72	2.52	17	1.0	500	0.29	Iron	B
VV-4614	62	83	2.52	16	1.2	475	0.29	Iron	B

RoHS COMPLIANT

continued from previous page

VV-4600 SERIES

Part Number	L(µH) ±20%	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I,DC* (mA)	Coil Diam. Max.	Core Matl.	Fig.
VV-4615	82	85	2.52	13	1.9	450	0.29	Phenolic	B
VV-4616	100	107	0.079	12	3.0	400	0.29	Phenolic	C
VV-4617	100	49	0.079	11	5.4	160	0.41	Phenolic	C
VV-4618	150	53	0.079	8.8	6.5	160	0.41	Phenolic	C
VV-4619	240	56	0.079	7.2	8.5	160	0.44	Phenolic	C
VV-4620	390	57	0.079	5.6	11.0	160	0.50	Phenolic	C
VV-4621	550	58	0.079	4.8	13.0	160	0.50	Phenolic	C
VV-4622	620	59	0.079	4.5	15.0	160	0.53	Phenolic	C
VV-4623	750	56	0.079	4.0	16.0	160	0.53	Phenolic	C
VV-4624	1000	59	0.252	3.7	19.0	160	0.56	Phenolic	C
	L Test@1 KHz		Q Test Freq.						
VV-4625	1000	83	0.252	2.6	8.6	160	0.47	Iron	D
VV-4626	1500	82	0.252	2.1	11.0	160	0.47	Iron	D
VV-4627	2400	80	0.252	1.7	15.0	160	0.53	Iron	D
VV-4628	3900	73	0.252	1.4	20.0	160	0.56	Iron	D
VV-4629	5500	69	0.252	1.1	25.0	160	0.59	Iron	D
VV-4630	6200	89	0.252	1.0	37.0	100	0.53	Iron	D
VV-4631	8200	83	0.252	0.94	46.0	100	0.56	Iron	D
VV-4632	10000	68	0.0796	0.82	50.0	100	0.59	Iron	D