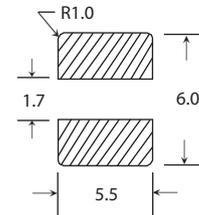
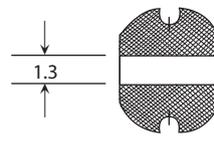
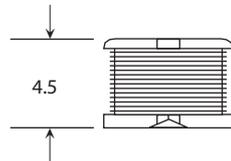
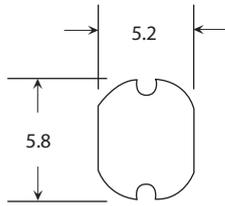




### Mechanical Specification



Pad Layout

Dimensions : mm  
Tol : ±0.35

### Special Features

- High current capacity
- Ferrite bobbin core
- Low core loss for high frequency power application
- Compact size
- Large terminal surface for good PCB bonding
- Operating temperature -30°C to +100°C
- Tape & reel packaged 1500/reel

### Notes

\* Current to cause maximum 10% of inductance drop, or 40°C temperature rise

### Electrical Specification

#### VV-8500 SERIES

Part Number	L(uH) ±20%	Test Freq. (MHz)	SRF (MHz) Typ.	DCR (Ω) Max.	I <sub>DC</sub> * (A)
VV-8500-100M	10	2.52 MHz	30	0.10	1.44
VV-8500-120M	12	2.52 MHz	27	0.12	1.40
VV-8500-150M	15	2.52 MHz	25	0.14	1.30
VV-8500-180M	18	2.52 MHz	23	0.15	1.23
VV-8500-220M	22	2.52 MHz	19	0.18	1.11
VV-8500-270M	27	2.52 MHz	17	0.20	0.97
<hr/>					
±15%					
VV-8500-330L	33	2.52 MHz	16	0.23	0.88
VV-8500-390L	39	2.52 MHz	15	0.32	0.80
VV-8500-470L	47	2.52 MHz	13	0.37	0.72
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±10%					
VV-8500-560K	56	2.52 MHz	12	0.42	0.68
VV-8500-680K	68	2.52 MHz	11	0.46	0.61
VV-8500-820K	82	2.52 MHz	10	0.60	0.58
VV-8500-101K	100	1 KHz	9	0.70	0.52
VV-8500-121K	120	1 KHz	8	0.93	0.48
VV-8500-151K	150	1 KHz	8	1.10	0.40
VV-8500-181K	180	1 KHz	6	1.38	0.38
VV-8500-221K	220	1 KHz	5	1.57	0.35