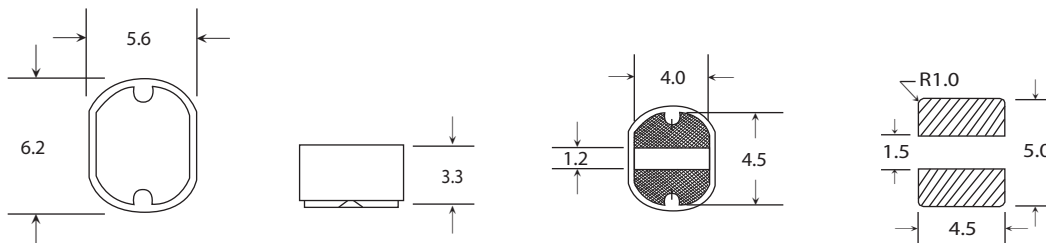


Mechanical Specification



Dimensions : mm
Tol : ±0.3

Pad Layout

Special Features

- Magnetic shielded for low radiation
- 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 1000/reel

Notes

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

Electrical Specification

VV-8900 SERIES

Part Number	L(uH) ±20%	Test Freq.	SRF (MHz) Typ.	DCR (Ω) Max.	I _{DC} * (A)
VV-8900-100M	10	2.52 MHz	38	0.13	0.80
VV-8900-120M	12	2.52 MHz	32	0.14	0.74
VV-8900-150M	15	2.52 MHz	29	0.15	0.70
VV-8900-180M	18	2.52 MHz	27	0.18	0.64
VV-8900-220M	22	2.52 MHz	24	0.25	0.62
VV-8900-270M	27	2.52 MHz	19	0.34	0.57
±15%					
VV-8900-330L	33	2.52 MHz	17	0.37	0.52
VV-8900-390L	39	2.52 MHz	17	0.39	0.45
VV-8900-470L	47	2.52 MHz	16	0.43	0.40
VV-8900-560L	56	2.52 MHz	14	0.50	0.37
VV-8900-680L	68	2.52 MHz	13	0.53	0.35
VV-8900-820L	82	2.52 MHz	12	0.75	0.32
±10%					
VV-8900-101K	100	1 KHz	11	0.85	0.30