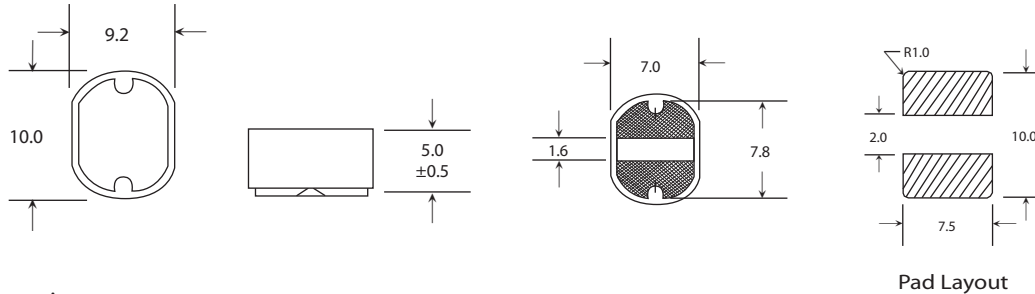


**Mechanical Specification**



Dimensions : mm

Tol: ±0.5

**Special Features**

- High current capacity
- 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 500/reel

**Notes**

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

**Electrical Specification**

**VV-8011 SERIES**

Part Number	L(uH) ±20%	Test Freq.	SRF (MHz) Typ.	DCR (Ω) Max.	I <sub>DC</sub> * (A)
VV-8011-100M	10	2.52 MHz	31	0.06	2.52
VV-8011-120M	12	2.52 MHz	27	0.06	2.31
VV-8011-150M	15	2.52 MHz	27	0.07	2.06
VV-8011-180M	18	2.52 MHz	26	0.08	1.89
VV-8011-220M	22	2.52 MHz	21	0.09	1.71
VV-8011-270M	27	2.52 MHz	18	0.11	1.54
VV-8011-330M	33	2.52 MHz	16	0.12	1.39
VV-8011-390M	39	2.52 MHz	15	0.16	1.28
VV-8011-470M	47	2.52 MHz	14	0.18	1.17
VV-8011-560M	56	2.52 MHz	12	0.19	1.07
VV-8011-680M	68	2.52 MHz	11	0.22	0.97
VV-8011-820M	82	2.52 MHz	10	0.28	0.88
VV-8011-101M	100	1 KHz	7	0.35	0.80
VV-8011-121M	120	1 KHz	7	0.38	0.73
VV-8011-151M	150	1 KHz	6	0.45	0.65
VV-8011-181M	180	1 KHz	5	0.62	0.60
VV-8011-221M	220	1 KHz	5	0.69	0.54
VV-8011-271M	270	1 KHz	5	0.78	0.49
VV-8011-331M	330	1 KHz	4	1.03	0.44
VV-8011-391M	390	1 KHz	4	1.18	0.41
VV-8011-471M	470	1 KHz	4	1.60	0.37