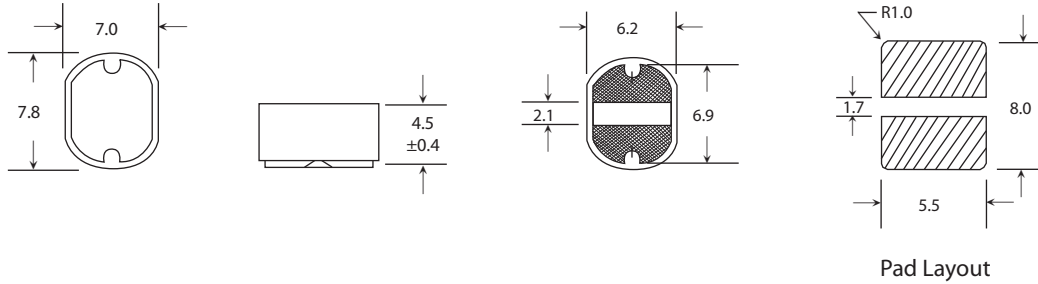


**Mechanical Specification**



Dimensions : mm

Tol : ±0.35

**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
- Current to cause maximum 10% of inductance drop, or 40°C temperature rise
- Tape & reel packaged 1000/reel

**Electrical Specification**

**VV-8010 SERIES**

Part Number	L(uH) ±20%	Test Freq.	SRF (MHz) Typ.	DCR (Ω) Max.	I <sub>DC</sub> * (A)
VV-8010-100M	10	2.52 MHz	26	0.07	1.65
VV-8010-120M	12	2.52 MHz	25	0.07	1.57
VV-8010-150M	15	2.52 MHz	20	0.08	1.39
VV-8010-180M	18	2.52 MHz	19	0.10	1.29
VV-8010-220M	22	2.52 MHz	18	0.13	1.12
VV-8010-270M	27	2.52 MHz	16	0.16	1.06
	±15%				
VV-8010-330L	33	2.52 MHz	15	0.18	0.97
VV-8010-390L	39	2.52 MHz	14	0.18	0.91
VV-8010-470L	47	2.52 MHz	12	0.27	0.80
VV-8010-560L	56	2.52 MHz	12	0.29	0.76
VV-8010-680L	68	2.52 MHz	10	0.33	0.68
VV-8010-820L	82	2.52 MHz	9	0.43	0.62
	±10%				
VV-8010-101K	100	1 KHz	8	0.49	0.55
VV-8010-121K	120	1 KHz	7	0.68	0.49
VV-8010-151K	150	1 KHz	6	0.94	0.44
VV-8010-181K	180	1 KHz	6	1.00	0.40
VV-8010-221K	220	1 KHz	5	1.18	0.36
VV-8010-271K	270	1 KHz	5	1.30	0.33