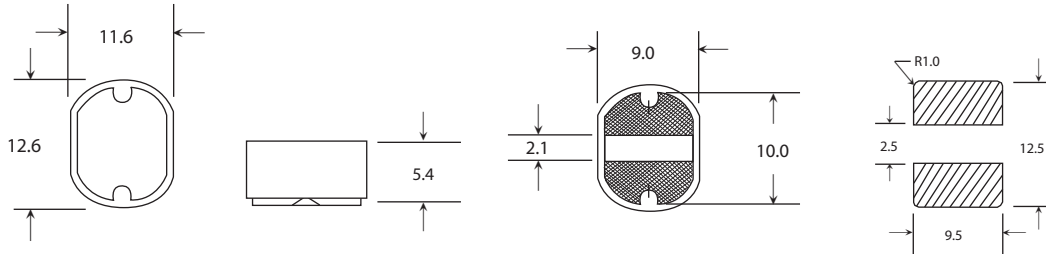


Mechanical Specification



Dimensions : mm

Tol : ±0.5

Pad Layout

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 25% of inductance drop, or 40°C temperature rise

Electrical Specification

VV-8012 SERIES

Part Number	L(uH) ±20%	Test Freq.	SRF (MHz) Typ.	DCR (Ω) Max.	I _{DC} * (A)
VV-8012-100M	10	2.52 MHz	24	0.05	2.65
VV-8012-120M	12	2.52 MHz	21	0.05	2.50
VV-8012-150M	15	2.52 MHz	19	0.06	2.45
VV-8012-180M	18	2.52 MHz	16	0.06	2.40
-15%, +20%					
VV-8012-220M	22	2.52 MHz	15	0.07	2.20
VV-8012-270M	27	2.52 MHz	14	0.08	2.00
VV-8012-330M	33	2.52 MHz	13	0.10	1.80
VV-8012-390M	39	2.52 MHz	12	0.11	1.65
VV-8012-470M	47	2.52 MHz	10	0.12	1.50
VV-8012-560M	56	2.52 MHz	9	0.15	1.38
VV-8012-680M	68	2.52 MHz	9	0.17	1.26
VV-8012-820M	82	2.52 MHz	8	0.20	1.14