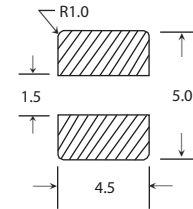
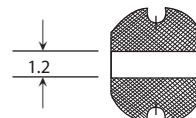
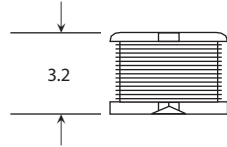
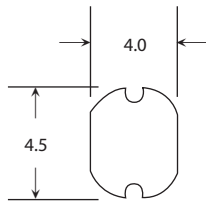


Mechanical Specification



Dimensions : mm
Tol : ±0.3

Pad Layout

Special Features

- High current capacity
- Ferrite bobbin core
- Low core loss for high frequency power application
- Low profile
- 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-8400 SERIES

Part Number	L(uH) ±20%	Test Freq. (MHz)	SRF (MHz) Typ.	DCR (Ω) Max.	I _{DC} * (A)
VV-8400-1R0M	1.0	7.96	113	0.049	2.56
VV-8400-1R4M	1.4	7.96	101	0.057	2.52
VV-8400-1R8M	1.8	7.96	92	0.064	1.95
VV-8400-2R2M	2.2	7.96	76	0.072	1.75
VV-8400-2R7M	2.7	7.96	66	0.079	1.58
VV-8400-3R3M	3.3	7.96	63	0.087	1.44
VV-8400-3R9M	3.9	7.96	53	0.094	1.33
VV-8400-4R7M	4.7	7.96	49	0.109	1.15
VV-8400-5R6M	5.6	7.96	43	0.126	0.99
VV-8400-6R8M	6.8	7.96	41	0.132	0.95
VV-8400-8R2M	8.2	7.96	35	0.147	0.84
VV-8400-100M	10	2.52	35	0.182	1.04
VV-8400-120M	12	2.52	32	0.210	0.97
VV-8400-150M	15	2.52	29	0.235	0.85
VV-8400-180M	18	2.52	27	0.338	0.74
VV-8400-220M	22	2.52	24	0.378	0.68
VV-8400-270M	27	2.52	21	0.522	0.62
	±10%				
VV-8400-330K	33	2.52	19	0.540	0.56
VV-8400-390K	39	2.52	18	0.587	0.52
VV-8400-470K	47	2.52	15	0.844	0.44
VV-8400-560K	56	2.52	14	0.937	0.42
VV-8400-680K	68	2.52	13	1.117	0.37