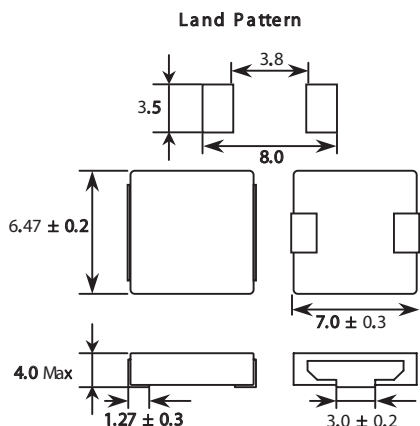


Mechanical Specification



Dimensions: mm

Special Features

- Shield construction
- Frequency range up to 5MHz
- Lowest DCR/uH
- Low buzz noise

Applications

- PDA/Notebook/Desktop/Server applications
- Low profile,high current power supplies
- Battery powered devices
- DC/DC converters for power system distribution

Notes

- Inductance : 100kHz, 100mV
- Tolerance of inductance : ±20%
- Saturation rated current :
20% lower than its initial value
- Temperature rise current : ΔT= 40%
- Operating temperature : -55°C~120°C
- All test data is referenced to 25°C ambient

Electrical Specification

VV-5200 SERIES

Part Number	Inductance (μH)	DCR (Typical,mΩ)	DCR (Max,mΩ)	Saturation Rated Current (Typical,A)	Temperature Rise Current (Typical,A)
VV-5200-R47	0.47	2.5	3.0	22.0	20.0
VV-5200-R68	0.68	4.0	5.0	20.0	18.0
VV-5200-R82	0.82	5.5	6.5	18.0	16.0
VV-5200-1R0	1.00	6.0	7.0	17.0	14.0
VV-5200-1R5	1.50	7.0	8.5	15.0	12.0
VV-5200-2R2	2.20	15.0	17.0	13.0	10.0
VV-5200-3R3	3.30	24.0	27.0	11.0	9.0
VV-5200-4R7	4.70	32.0	35.0	9.0	7.0
VV-5200-6R8	6.80	42.0	45.0	8.0	6.0
VV-5200-8R2	8.20	53.0	60.0	7.0	5.0
VV-5200-100	10.00	65.0	70.0	6.0	4.0