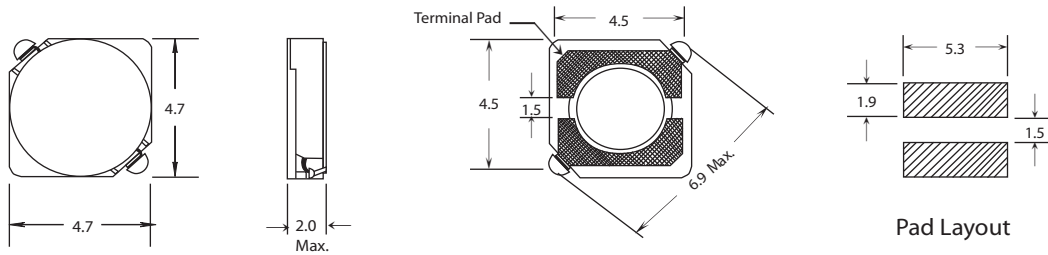


Mechanical Specification

RoHS
COMPLIANT



Dimensions : mm
Tol : ±0.3

Special Features

- Ultra low profile
- 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 1000/reel

Notes

* Current to cause maximum 25% of inductance drop, or 40°C temperature rise

Electrical Specification

VV-8800 SERIES

| Part Number | L(uH) ±30% | Test Freq. (MHz) | DCR (Ω) Max. | I _{DC} * (A) |
|-------------|---------------|---------------------|--------------------|--------------------------|
| VV-8800-1R0 | 1.0 | 7.96 | 0.045 | 1.72 |
| VV-8800-2R2 | 2.2 | 7.96 | 0.075 | 1.32 |
| VV-8800-2R7 | 2.7 | 7.96 | 0.105 | 1.28 |
| VV-8800-3R3 | 3.3 | 7.96 | 0.110 | 1.04 |
| VV-8800-3R9 | 3.9 | 7.96 | 0.155 | 0.88 |
| VV-8800-4R7 | 4.7 | 7.96 | 0.162 | 0.84 |
| VV-8800-5R6 | 5.6 | 7.96 | 0.170 | 0.80 |
| VV-8800-6R8 | 6.8 | 7.96 | 0.200 | 0.76 |
| VV-8800-8R2 | 8.2 | 7.96 | 0.245 | 0.68 |
| VV-8800-100 | 10 | 10 KHz | 0.200 | 0.61 |
| VV-8800-120 | 12 | 10 KHz | 0.210 | 0.56 |
| VV-8800-150 | 15 | 10 KHz | 0.240 | 0.50 |
| VV-8800-180 | 18 | 10 KHz | 0.338 | 0.48 |
| VV-8800-220 | 22 | 10 KHz | 0.397 | 0.41 |
| VV-8800-270 | 27 | 10 KHz | 0.441 | 0.35 |
| VV-8800-330 | 33 | 10 KHz | 0.394 | 0.32 |
| VV-8800-390 | 39 | 10 KHz | 0.709 | 0.30 |
| VV-8800-470 | 47 | 10 KHz | 0.922 | 0.28 |
| VV-8800-560 | 56 | 10 KHz | 1.08 | 0.26 |
| VV-8800-680 | 68 | 10 KHz | 1.30 | 0.24 |
| VV-8800-820 | 82 | 10 KHz | 1.56 | 0.22 |
| VV-8800-101 | 100 | 10 KHz | 1.73 | 0.20 |
| VV-8800-121 | 120 | 10 KHz | 2.39 | 0.18 |
| VV-8800-151 | 150 | 10 KHz | 2.67 | 0.15 |
| VV-8800-181 | 180 | 10 KHz | 4.00 | 0.14 |