



SHIELDED SMD INDUCTOR DR350-9 SERIES

Features

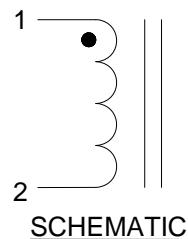
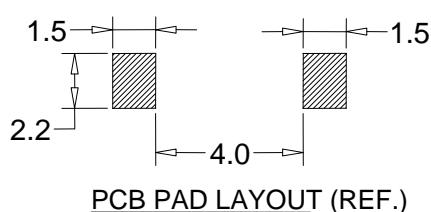
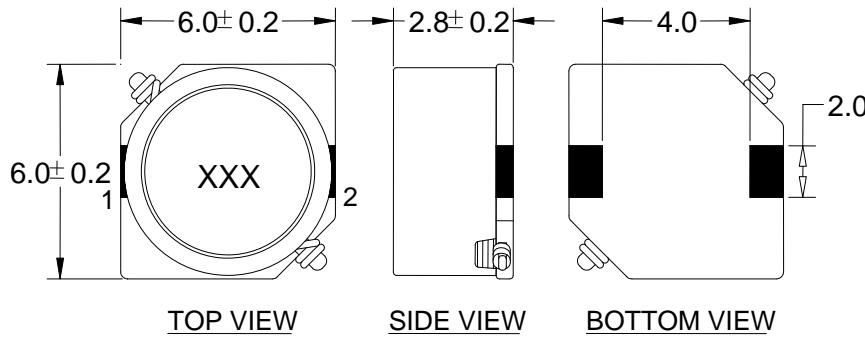
- Low Profile Surface Mount Design
- Flat Top for Pick and Place
- Inductance Range from $4.7\mu\text{H}$ to $100.0\mu\text{H}$
- Operating Temp. -40°C to $+85^\circ\text{C}$
- Tinned Leads with Leaded Solder is Available (note 7)



ELECTRICAL SPECIFICATIONS AT 25°C

Part No.	Inductance (μH) $\pm 20\%$	DCR (Ω) $\pm 20\%$	I_{rms} (A) Max.	I_{sat} (A) Max.
DR350-9-472	4.7	0.036	2.50	1.60
DR350-9-682	6.8	0.052	2.20	1.50
DR350-9-103	10.0	0.068	1.80	1.30
DR350-9-153	15.0	0.100	1.40	1.00
DR350-9-223	22.0	0.120	1.30	0.77
DR350-9-333	33.0	0.180	1.10	0.69
DR350-9-473	47.0	0.270	0.92	0.59
DR350-9-683	68.0	0.390	0.78	0.50
DR350-9-104	100.0	0.620	0.64	0.42

MECHANICAL OUTLINES



Notes:

1. All dimensions are shown in millimeter "mm"
2. General tolerance $\pm 0.2\text{mm}$, unless other specified
3. Inductance Test: $1\text{kHz}, 0.5\text{Vrms}$
4. I_{rms} for an approximate 45°C temperature rise
5. I_{sat} for an approximate 20% drop maximum of the nominal value
6. Tape and reel quantity, 1000 pcs/reel
7. For non-RoHS parts replace DR prefix with 42- (e.g. DR350-9 becomes 42-350-9)
8. Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020D