



SHIELDED SMD INDUCTOR DR350-8 SERIES

Features

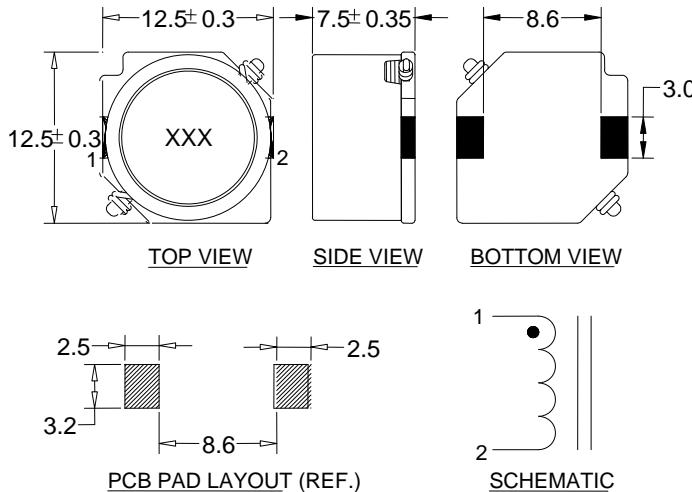
- Low Profile Surface Mount Design
- Flat Top for Pick and Place
- Inductance Range from $1.2\mu\text{H}$ to $220.0\mu\text{H}$
- Operating Temp. -40°C to $+85^\circ\text{C}$
- Tinned Leads with Leaded Solder is Available (note 7)



ELECTRICAL SPECIFICATIONS AT 25°C

Part No.	Inductance (μH)	DCR ($\text{m}\Omega$) Max.	I_{rms} (A) Max.	I_{sat} (A) Max.
DR350-8-122	$1.2 \pm 30\%$	8.28	8.2	13.0
DR350-8-272	$2.7 \pm 30\%$	11.28	7.0	10.0
DR350-8-392	$3.9 \pm 30\%$	12.48	6.7	9.0
DR350-8-562	$5.6 \pm 30\%$	13.92	6.3	7.8
DR350-8-682	$6.8 \pm 30\%$	15.72	5.9	7.2
DR350-8-103	$10.0 \pm 20\%$	18.72	5.4	5.5
DR350-8-153	$15.0 \pm 20\%$	22.08	5.0	4.7
DR350-8-223	$22.0 \pm 20\%$	31.56	4.0	4.0
DR350-8-333	$33.0 \pm 20\%$	47.40	3.4	3.2
DR350-8-473	$47.0 \pm 20\%$	63.36	3.0	2.7
DR350-8-683	$68.0 \pm 20\%$	93.36	2.4	2.0
DR350-8-104	$100.0 \pm 20\%$	150.0	1.9	1.9
DR350-8-154	$150.0 \pm 20\%$	210.0	1.6	1.5
DR350-8-224	$220.0 \pm 20\%$	309.6	1.3	1.3

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: 1kHz, 0.5Vrms
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, 350 pcs/reel
7. For non-RoHS parts replace DR prefix with 42- (e.g. DR350-8 becomes 42-350-8)
8. Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020D