



SELF-LEADED SMD INDUCTOR DR339-4 SERIES

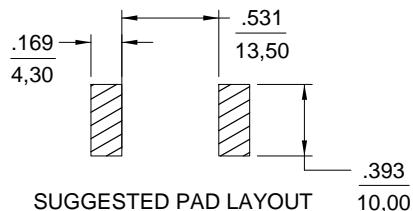
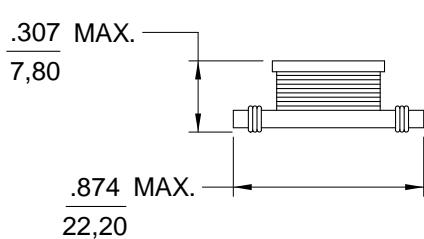
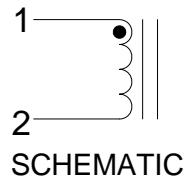
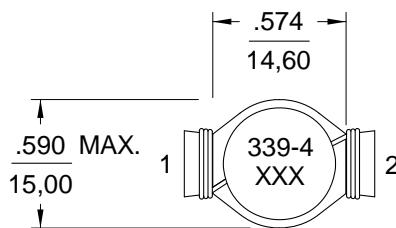
Features

- Surface Mount Design
- Inductance Range from $0.47\mu\text{H}$ to $100\mu\text{H}$
- 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 (Ω) Max.	I rms (A) Max. (Note 3)	I sat (A) Max. (Note 2)
DR339-4-471	$0.47 \pm 40/-20\%$	0.002	19.2	51.7
DR339-4-102	$1.0 \pm 40/-20\%$	0.003	17.3	37.8
DR339-4-152	$1.5 \pm 40/-20\%$	0.004	13.4	28.9
DR339-4-222	$2.2 \pm 20\%$	0.005	12.0	23.7
DR339-4-332	$3.3 \pm 20\%$	0.006	11.0	20.2
DR339-4-472	$4.7 \pm 20\%$	0.010	8.6	15.6
DR339-4-682	$6.8 \pm 20\%$	0.015	8.3	14.1
DR339-4-103	$10 \pm 20\%$	0.020	6.8	11.5
DR339-4-153	$15 \pm 20\%$	0.030	5.5	9.1
DR339-4-223	$22 \pm 20\%$	0.040	4.5	7.6
DR339-4-333	$33 \pm 20\%$	0.060	3.7	6.1
DR339-4-473	$47 \pm 20\%$	0.074	3.1	5.2
DR339-4-683	$68 \pm 20\%$	0.120	2.4	4.3
DR339-4-104	$100 \pm 20\%$	0.170	2.0	3.6

MECHANICAL OUTLINES



Notes:

1. All dimensions are shown in inches/millimeter "mm"
Unless otherwise specified, tolerance = Inches: ± 0.010
= Millimeters: ± 0.30
2. Isat based on the inductance being 70% of its initial value
3. I_{rms} , based on 40°C temperature rise
4. Tape and reel quantity, 250 pcs/reel
5. Terminal finish is compliant to RoHS requirements
6. Solder in accordance with J-STD-002 Rev. D
7. Non-RoHS series parts 42-339-4-XXX are finished with leaded solder Sn60Pb40 or equivalent