



SMD INDUCTOR DR335 SERIES

Features

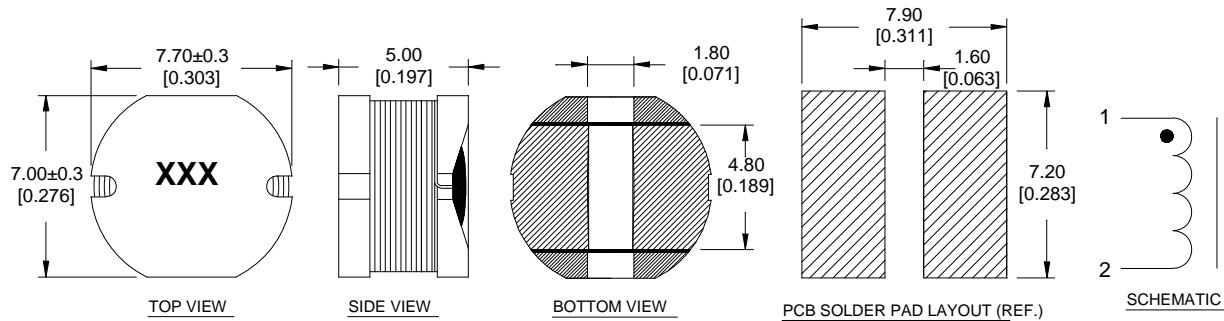
- Low Profile Surface Mount Design
- Inductance Range from $1.8 \mu\text{H}$ to $1000\mu\text{H}$
- Operating Temp. -20°C to $+80^\circ\text{C}$
- Tinned Leads with Leaded Solder is Available (note 6)



ELECTRICAL SPECIFICATIONS AT 25°C

PART No.	INDUCTANCE (μH)	DCR (Ω) Max.	RATED CURRENT (A) Max.
DR335-182	$1.8 \pm 20\%$ @ 7.96MHz	0.035	3.50
DR335-272	$2.7 \pm 20\%$ @ 7.96MHz	0.041	3.30
DR335-472	$4.7 \pm 20\%$ @ 7.96MHz	0.048	3.00
DR335-682	$6.8 \pm 20\%$ @ 7.96MHz	0.050	2.70
DR335-822	$8.2 \pm 20\%$ @ 7.96MHz	0.055	2.50
DR335-103	$10 \pm 20\%$ @ 2.52MHz	0.06	2.30
DR335-123	$12 \pm 20\%$ @ 2.52MHz	0.07	2.00
DR335-153	$15 \pm 20\%$ @ 2.52MHz	0.08	1.80
DR335-183	$18 \pm 20\%$ @ 2.52MHz	0.10	1.61
DR335-223	$22 \pm 20\%$ @ 2.52MHz	0.11	1.50
DR335-273	$27 \pm 10\%$ @ 2.52MHz	0.13	1.30
DR335-333	$33 \pm 10\%$ @ 2.52MHz	0.14	1.20
DR335-393	$39 \pm 10\%$ @ 2.52MHz	0.16	1.10
DR335-473	$47 \pm 10\%$ @ 2.52MHz	0.20	1.10
DR335-563	$56 \pm 10\%$ @ 2.52MHz	0.24	0.94
DR335-683	$68 \pm 10\%$ @ 2.52MHz	0.28	0.85
DR335-823	$82 \pm 10\%$ @ 2.52MHz	0.37	0.78
DR335-104	$100 \pm 10\%$ @ 1kHz	0.44	0.72
DR335-124	$120 \pm 10\%$ @ 1kHz	0.47	0.66
DR335-154	$150 \pm 10\%$ @ 1kHz	0.64	0.58
DR335-184	$180 \pm 10\%$ @ 1kHz	0.71	0.51
DR335-224	$220 \pm 10\%$ @ 1kHz	0.96	0.49
DR335-274	$270 \pm 10\%$ @ 1kHz	1.11	0.42
DR335-334	$330 \pm 10\%$ @ 1kHz	1.26	0.40
DR335-394	$390 \pm 10\%$ @ 1kHz	1.77	0.36
DR335-474	$470 \pm 10\%$ @ 1kHz	1.96	0.34
DR335-684	$680 \pm 10\%$ @ 1kHz	2.20	0.25
DR335-105	$1000 \pm 10\%$ @ 1kHz	3.96	0.23

MECHANICAL OUTLINES



NOTES:

1. All dimensions are shown in millimeters "mm" [inches "in"].
2. General tolerance $\pm 0.25\text{mm}$ [0.010 in.], unless otherwise specified.
3. Tape and reel quantity, 1000 pcs/reel.
4. Terminal finish is compliant to RoHS requirements
5. Solder in accordance with J-STD-002 Rev. D
6. Non-RoHS series parts 42-335-XXX are finished with leaded solder Sn60Pb40 or equivalent