March 5, 2007

DATATRONIC DISTRIBUTION, INC.

SMD INDUCTOR DR336 SERIES

Features

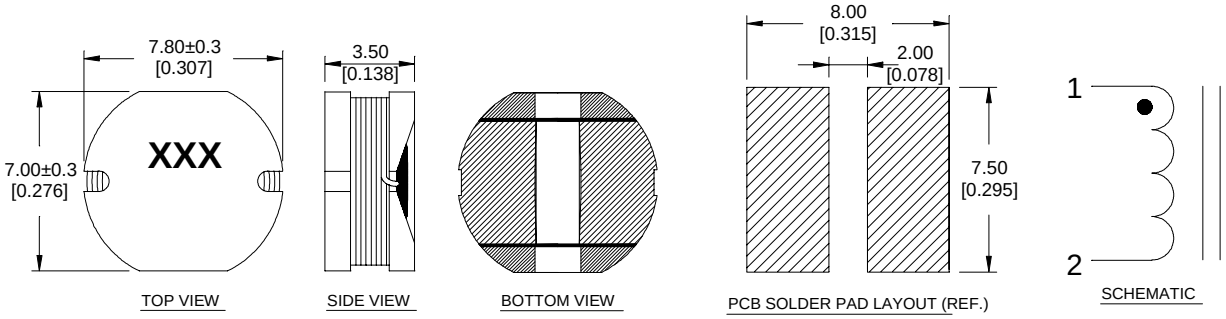
- **Low Profile Surface Mount Design**
- **Flat Top for Pick and Place**
- **Inductance Range from 10µH to 1000µH**
- **Operating Temp. -20°C to +80°C**
- **Tinned Leads with Leaded Solder is Available** (note 4)



ELECTRICAL SPECIFICATIONS AT 25ºC

PART No.	INDUCTANCE (µH)	DCR (Ω) Max.	RATED CURRENT (A) Max.
DR336-103	10 ± 20% @ 2.52MHz	0.08	1.44
DR336-123	12 ± 20% @ 2.52MHz	0.09	1.39
DR336-153	15 ± 20% @ 2.52MHz	0.10	1.24
DR336-183	18 ± 20% @ 2.52MHz	0.11	1.12
DR336-223	22 ± 20% @ 2.52MHz	0.13	1.07
DR336-273	27 ± 20% @ 2.52MHz	0.17	0.94
DR336-333	33 ± 20% @ 2.52MHz	0.18	0.85
DR336-393	39 ± 20% @ 2.52MHz	0.22	0.74
DR336-473	47 ± 20% @ 2.52MHz	0.25	0.68
DR336-563	56 ± 20% @ 2.52MHz	0.28	0.64
DR336-683	68 ± 10% @ 2.52MHz	0.33	0.59
DR336-823	82 ± 10% @ 2.52MHz	0.45	0.54
DR336-104	100 ± 10% @ 1kHz	0.48	0.51
DR336-124	120 ± 10% @ 1kHz	0.54	0.49
DR336-154	150 ± 10% @ 1kHz	0.75	0.40
DR336-184	180 ± 10% @ 1kHz	1.02	0.36
DR336-224	220 ± 10% @ 1kHz	1.20	0.31
DR336-274	270 ± 10% @ 1kHz	1.31	0.29
DR336-334	330 ± 10% @ 1kHz	1.50	0.28

MECHANICAL OUTLINES



NOTES:
1. All dimensions are shown in millimeters “mm” [inches “in”].
2. General tolerance ±0.25mm [0.010 IN.], unless otherwise specified.
3. Tape and reel quantity, 1000 pcs/reel.
4. For non-RoHS parts, replace DR prefix with 42- (e.g. DR336 becomes 42-336).
5. Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020C.

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All specifications are subject to change without notice.