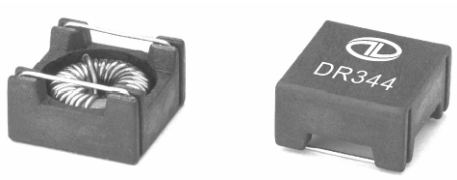
March 1, 2007

DATATRONIC
DISTRIBUTION, INC.

SELF-LEADED SMD INDUCTOR DR344 SERIES

Features

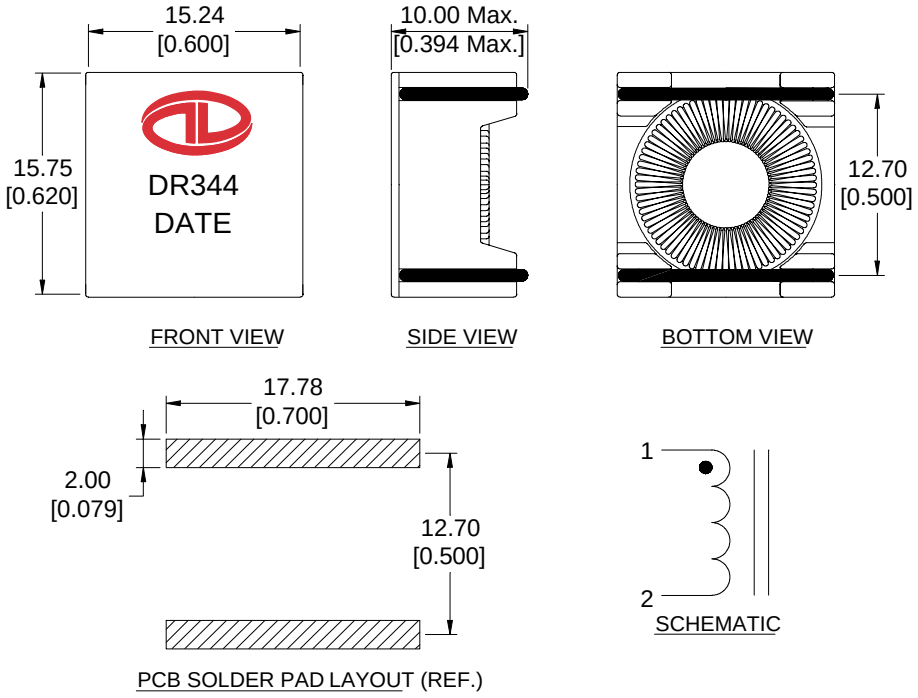
- **Low Profile Surface Mount Design**
- **Flat Top for Pick and Place**
- **Inductance Range from 17µH to 380µH**
- **Tape & Reel Packing**
- **Operating Temp. -40°C to +85°C**
- **Tinned Leads with Leaded Solder is Available** (note 3)



ELECTRICAL SPECIFICATIONS AT 25ºC

PART No.	INDUCTANCE (µH) ±20% @100KHz, 0.1V	DCR (Ω) ±20%	RATED CURRENT (A) Nominal	ETop @100KHz (V-µSec) Ref.
DR344-170	17	0.05	3.00	13.2
DR344-240	24	0.07	2.74	16.5
DR344-370	37	0.10	2.24	19.8
DR344-530	53	0.13	1.87	26.4
DR344-770	77	0.20	1.54	33.0
DR344-111	110	0.30	1.26	42.9
DR344-161	160	0.40	1.02	56.1
DR344-251	250	0.60	0.83	72.6
DR344-381	380	1.00	0.68	75.9

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. For non-RoHS parts replace DR prefix with 42- (e.g. DR344 becomes 42-344).
4. 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.