



SELF-LEADED SMD INDUCTOR DR344 SERIES



Features

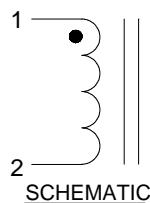
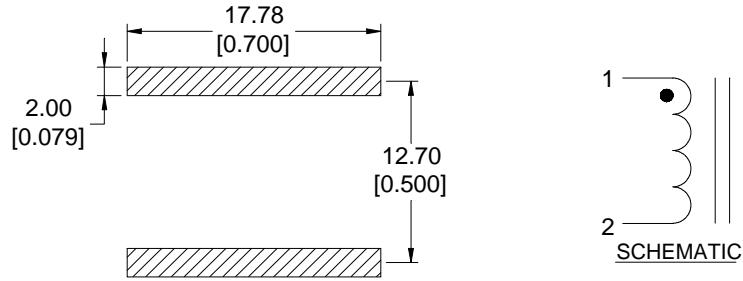
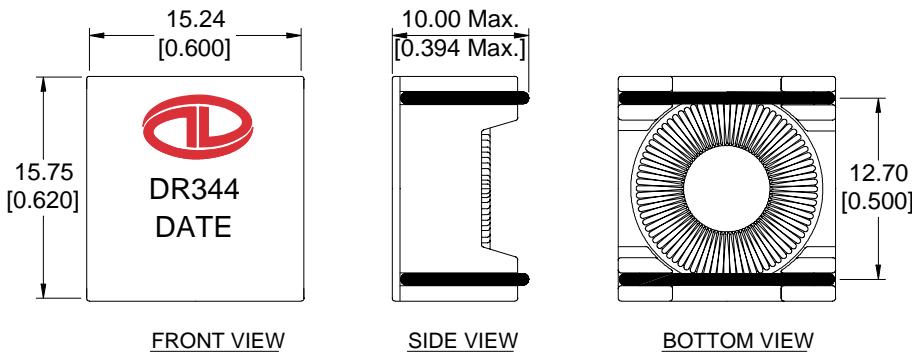
- Low Profile Surface Mount Design
- Flat Top for Pick and Place
- Inductance Range from 17 μ H to 380 μ H
- Tape & Reel Packing
- Operating Temp. -40°C to +85°C
- Tinned Leads with Leaded Solder is Available (note 3)



ELECTRICAL SPECIFICATIONS AT 25°C

| PART No. | INDUCTANCE (μ H) ±20% @100KHz, 0.1V | DCR (Ω) ±20% | RATED CURRENT (A) Nominal | ETop @100KHz (V- μ Sec) 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.