April 12, 2011

DATATRONIC
DISTRIBUTION, INC.

# SMD INDUCTOR DR355-4 SERIES

## Features

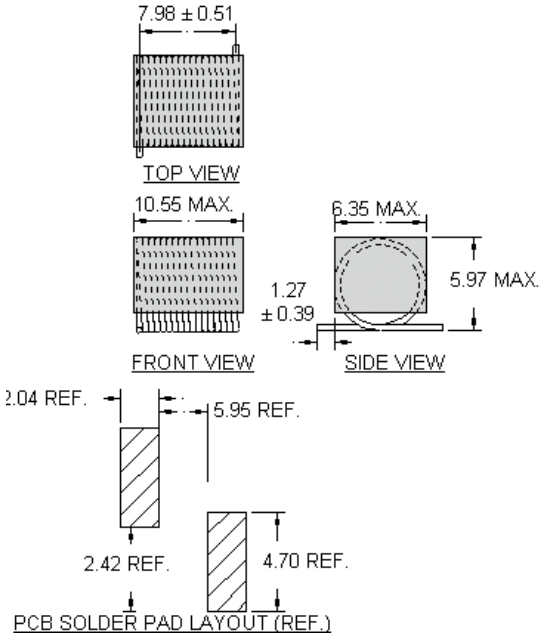
- **Low Profile Surface Mount Design**
- **Suitable for Reflow soldering**
- **Inductance Range from 90nH to 538nH**
- **Operating Temp. -40°C to +125°C**
- **Tinned Leads with Leaded Solder is Available** (note 3)



### ELECTRICAL SPECIFICATIONS AT 25ºC

| PART NO. | INDUCTANCE (nH) @ 0A | Q Min. | Test Freq. (MHz) | SPF (MHz) Min. | DCR (mΩ) MAX. | MAX. RATED CURRENT (A) (TYP.) |
|---|---|---|---|---|---|---|
| DR355-4-903 | 90±5% | 95 | 50 | 1140 | 15.0 | 3.5 |
| DR355-4-114 | 111±5% | 87 | 50 | 1020 | 15.0 | 3.5 |
| DR355-4-134 | 130±5% | 87 | 50 | 900 | 20.0 | 3.0 |
| DR355-4-174 | 169±5% | 95 | 50 | 875 | 25.0 | 3.0 |
| DR355-4-214 | 206±5% | 95 | 50 | 800 | 30.0 | 3.0 |
| DR355-4-224 | 222±5% | 92 | 50 | 730 | 35.0 | 3.0 |
| DR355-4-254 | 246±5% | 95 | 50 | 685 | 35.0 | 3.0 |
| DR355-4-314 | 307±5% | 95 | 50 | 660 | 35.0 | 3.0 |
| DR355-4-384 | 380±5% | 95 | 50 | 590 | 50.0 | 2.5 |
| DR355-4-424 | 422±5% | 95 | 50 | 540 | 60.0 | 2.5 |
| DR355-4-494 | 491±5% | 95 | 50 | 535 | 65.0 | 2.0 |
| DR355-4-544 | 538±5% | 87 | 50 | 490 | 90.0 | 2.0 |

## MECHANICAL OUTLINES




NOTE:

1. All dimensions shown are in “mm”.
2. Tape and reel quantity, 2000 pcs/reel
3. For non-RoHS parts replace DR prefix with 42- (e.g. DR355-4 becomes 42-355-4)
4. Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020D

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All specifications are subject to change without notice.