March 6, 2007

# 

## SMD INDUCTOR DR355-2 SERIES

### Features

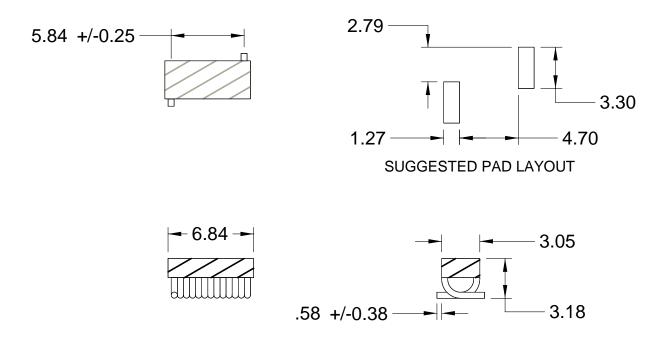
- Low Profile Surface Mount Design
- Suitable for Reflow soldering
- Inductance Range from 17.5nH to 43nH
- Operating Temp. -40°C to +125°C
- Tinned Leads with Leaded Solder is Available (note 4)

### **ELECTRICAL SPECIFICATIONS AT 25°C**



PART NO.	INDUCTANCE (nH) @ 0A		DCR (mΩ) MAX.	MAX. RATED CURRENT (A) (TYP.)
DR355-2-183	17.5±5%	@150MHz	4.5	4.0
DR355-2-223	22.0±5%	@150MHz	5.2	4.0
DR355-2-283	28.0±5%	@150MHz	6.0	4.0
DR355-2-363	35.5±5%	@150MHz	6.8	4.0
DR355-2-433	43.0±5%	@150MHz	7.9	4.0

### **MECHANICAL OUTLINES**



NOTE:

- 1. All dimensions shown are in "mm".
- 2. All dimensions are reference unless other specified
- 3. Tape and reel quantity, 1000 pcs/reel
- 4. For non-RoHS parts replace DR prefix with 42- (e.g. DR355-2 becomes 42-355-2)
- 5. Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020C

DATATRONIC: 28151 Highway 74, Romoland, CA 92585 Tel: 951-928-7700 Toll Free Tel: 888-889-5391 Fax: 951-928-7701 Email: ddisales@datatronics.com

499 King's Road, Hong KongTel: (852) 2562 3858, (852) 2564 8477 Fax: (852) 2565 7214, (852) 2563 1290 All specifications are subject to change without notice: