

SHIELDED SMD INDUCTOR DR350-7 SERIES

Features

- Low Profile Surface Mount Design
- Flat Top for Pick and Place
- Inductance Range from 2.0µH to 150.0µH
- Operating Temp. -40°C to +85°C
- Tinned Leads with Leaded Solder is Available (note 7)

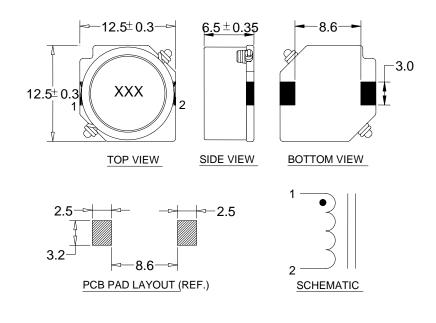
ELECTRICAL SPECIFICATIONS AT 25°C





Part No.	Inductance (μH)	DCR (mΩ) ± 20%	I _{rms} (A) Max.	I _{sat} (A) Max.
DR350-7-202	$2.0\pm30\%$	11.7	6.2	10.0
DR350-7-422	$4.2\pm30\%$	15.0	5.5	7.3
DR350-7-702	$7.0\pm20\%$	17.7	5.0	5.7
DR350-7-103	$10.0\pm20\%$	20.2	4.8	5.0
DR350-7-153	$15.0\pm20\%$	23.7	4.4	4.2
DR350-7-223	$22.0\pm20\%$	31.6	3.8	3.5
DR350-7-333	$33.0\pm20\%$	40.6	3.4	2.8
DR350-7-473	$47.0\pm20\%$	57.8	2.8	2.4
DR350-7-683	$68.0\pm20\%$	78.7	2.4	2.0
DR350-7-104	$100.0\pm20\%$	123.0	1.9	1.6
DR350-7-154	$150.0\pm20\%$	273.0	1.2	1.0

MECHANICAL OUTLINES



Notes:

- 1. All dimensions are shown in millimeter "mm"
- 2. General tolerance ± 0.2 mm, unless other specified
- 3. Inductance Test: 1kHz, 0.5Vrms
- 4. I_{rms} for an approximate 45°C temperature rise
- 5. Isat for an approximate 20% drop maximum of the nominal value
- 6. Tape and reel quantity, 500 pcs/reel
- 7. For non-RoHS parts replace DR prefix with 42- (e.g. DR350-7 becomes 42-350-7)
- 8. Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020C.

DATATRONIC: 28151Highway 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.