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# SELF-LEADED SMD INDUCTOR DR345 SERIES

## **Features**

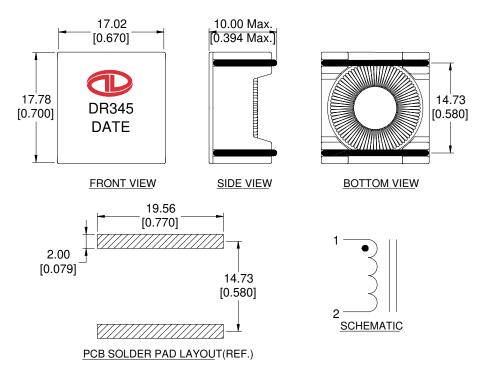
- Low Profile Surface Mount Design •
- Flat Top for Pick and Place •
- Inductance Range from 9.0 µH to 1100µH •
- Tape & Reel Packing •
- Operating Temp. -40°C to +85°C) •
- Tinned Leads with Leaded Solder is Available (note 3) •

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



PART No.	INDUCTANCE (μH) ±20% @100KHz, 0.1V	DCR (Ω) ±20%	RATED CURRENT (A) Nominal	ETop @100KHz (V-μSec) Ref.
DR345-090	9	0.016	7.2	4.92
DR345-160	16	0.030	5.1	6.27
DR345-500	50	0.115	2.6	10.5
DR345-112	1100	1.480	0.71	54.4

### **MECHANICAL OUTLINES**



NOTES:

- All dimensions are shown in millimeters "mm" [inches "in"]. 1.
- General tolerance  $\pm 0.25$ mm [0.010 in.], unless otherwise specified. 2.
- 3.
- For non-RoHS parts replace DR prefix with 42- (e.g. DR345 becomes 42-345). Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020C. 4.

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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.