

## SHIELDED SMD INDUCTOR DR340-6 SERIES

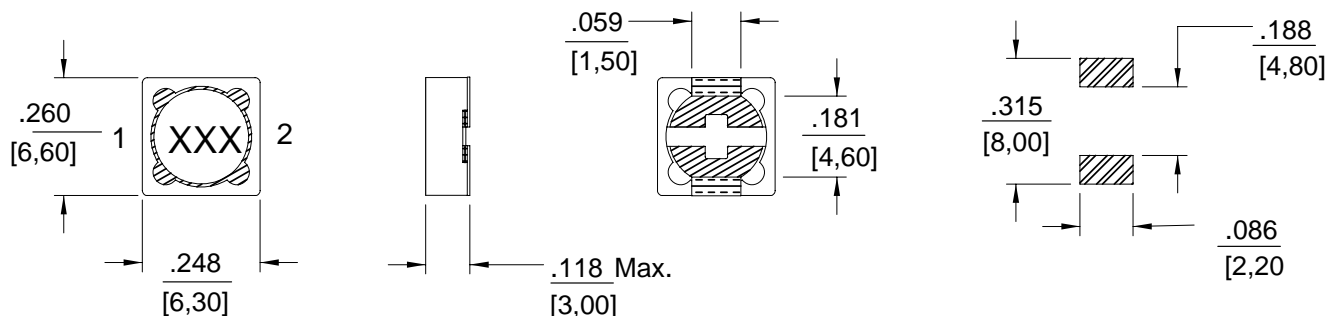
### Features

- Low Profile Surface Mount Design
- Low Radiation (with magnetic shield)
- Inductance Range from 2.9 $\mu$ H to 330 $\mu$ H
- Operating Temperature Range: -20°C to +80°C
- Tinned Leads with Leaded Solder is Available (note 5)

### ELECTRICAL SPECIFICATIONS AT 25°C

Part Number	Inductance ( $\mu$ H)	Measuring Frequency @ 0.25V	DCR (Ohm) Max.	Rated DC Current (A) Max.
DR340-6-292	2.9 +40% -20%	7.96MHz	0.068	1.94
DR340-6-402	4.0 +40% -20%	7.96MHz	0.080	1.63
DR340-6-552	5.5 +40% -20%	7.96MHz	0.096	1.40
DR340-6-103	10 $\pm$ 20%	1KHz	0.15	1.10
DR340-6-123	12 $\pm$ 20%	1KHz	0.2	1.00
DR340-6-153	15 $\pm$ 20%	1KHz	0.23	0.90
DR340-6-183	18 $\pm$ 20%	1KHz	0.27	0.80
DR340-6-223	22 $\pm$ 20%	1KHz	0.34	0.74
DR340-6-273	27 $\pm$ 20%	1KHz	0.38	0.66
DR340-6-333	33 $\pm$ 20%	1KHz	0.45	0.59
DR340-6-393	39 $\pm$ 20%	1KHz	0.49	0.54
DR340-6-473	47 $\pm$ 20%	1KHz	0.69	0.50
DR340-6-563	56 $\pm$ 20%	1KHz	0.78	0.46
DR340-6-683	68 $\pm$ 20%	1KHz	1.07	0.42
DR340-6-823	82 $\pm$ 20%	1KHz	1.21	0.38
DR340-6-104	100 $\pm$ 20%	1KHz	1.39	0.34
DR340-6-124	120 $\pm$ 20%	1KHz	1.90	0.31
DR340-6-154	150 $\pm$ 20%	1KHz	2.18	0.28
DR340-6-184	180 $\pm$ 20%	1KHz	2.77	0.26
DR340-6-224	220 $\pm$ 20%	1KHz	3.12	0.23
DR340-6-274	270 $\pm$ 20%	1KHz	4.38	0.22
DR340-6-334	330 $\pm$ 20%	1KHz	4.94	0.19

### MECHANICAL OUTLINES



#### NOTES:

1. Dimensions are shown in inches/millimeters
2. Unless otherwise specified, tolerance = Inches:  $\pm 0.012$   
= Millimeters:  $\pm 0.30$
3. IDC MAX based on the inductance being 75% of its initial value
4. Tape & reel quantity, 1500 pcs/reel
5. For non-RoHS parts replace the DR prefix with 42- (e.g. DR340-6 becomes 42-340-6)
6. Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020

