

## SMD INDUCTOR DR334 SERIES

### Features

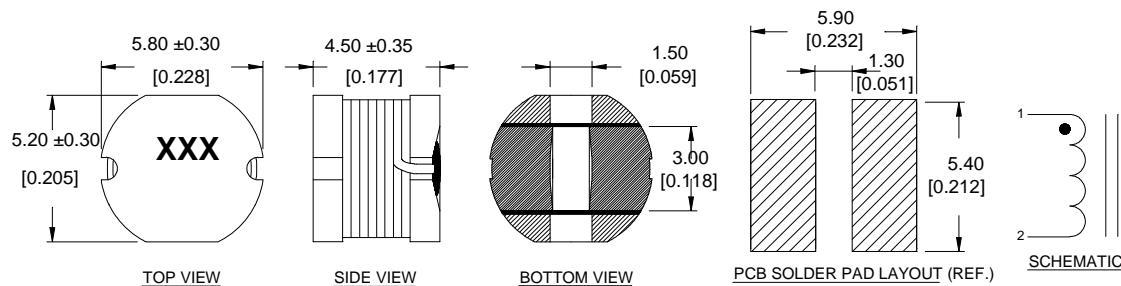
- Low Profile Surface Mount Design
- Inductance Range from 4.7 $\mu$ H to 1000 $\mu$ H
- Operating Temp. -20°C to +80°C
- Tinned Leads with Leaded Solder is Available (note 4)



### ELECTRICAL SPECIFICATIONS AT 25°C

PART No.	INDUCTANCE ( $\mu$ H)	DCR ( $\Omega$ ) Max.	RATED CURRENT (A) Max.
DR334-472	4.7 $\pm$ 20% @ 7.96MHz,0.1V	0.043	1.50
DR334-103	10 $\pm$ 20% @ 2.52MHz,0.1V	0.10	1.44
DR334-123	12 $\pm$ 20% @ 2.52MHz,0.1V	0.12	1.35
DR334-153	15 $\pm$ 20% @ 2.52MHz,0.1V	0.14	1.30
DR334-183	18 $\pm$ 20% @ 2.52MHz,0.1V	0.15	1.23
DR334-223	22 $\pm$ 20% @ 2.52MHz,0.1V	0.18	1.11
DR334-273	27 $\pm$ 20% @ 2.52MHz,0.1V	0.20	0.97
DR334-333	33 $\pm$ 20% @ 2.52MHz,0.1V	0.23	0.88
DR334-393	39 $\pm$ 20% @ 2.52MHz,0.1V	0.32	0.80
DR334-473	47 $\pm$ 20% @ 2.52MHz,0.1V	0.37	0.72
DR334-563	56 $\pm$ 10% @ 2.52MHz,0.1V	0.42	0.68
DR334-683	68 $\pm$ 10% @ 2.52MHz,0.1V	0.46	0.61
DR334-823	82 $\pm$ 10% @ 2.52MHz,0.1V	0.60	0.58
DR334-104	100 $\pm$ 10% @ 1kHz,0.1V	0.70	0.52
DR334-124	120 $\pm$ 10% @ 1kHz,0.1V	0.93	0.48
DR334-154	150 $\pm$ 10% @ 1kHz,0.1V	1.10	0.40
DR334-184	180 $\pm$ 10% @ 1kHz,0.1V	1.38	0.38
DR334-224	220 $\pm$ 10% @ 1kHz,0.1V	1.57	0.35
DR334-334	330 $\pm$ 10% @ 1kHz,0.1V	1.80	0.28
DR334-474	470 $\pm$ 10% @ 1kHz,0.1V	2.90	0.25
DR334-684	680 $\pm$ 10% @ 1kHz,0.1V	4.20	0.22
DR334-105	1000 $\pm$ 10% @ 1kHz,0.1V	5.70	0.18

### MECHANICAL OUTLINES



#### NOTES:

1. All dimensions are shown in millimeters "mm"[inches "in"].
2. General tolerance  $\pm$ 0.25mm[0.010 IN.], unless otherwise specified.
3. Reel quantity 1500/reel
4. For non-RoHS parts, replace DR prefix with 42- (e.g. DR334 becomes 42-334).
5. Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020D.