

SMD INDUCTOR DR334 SERIES

Features

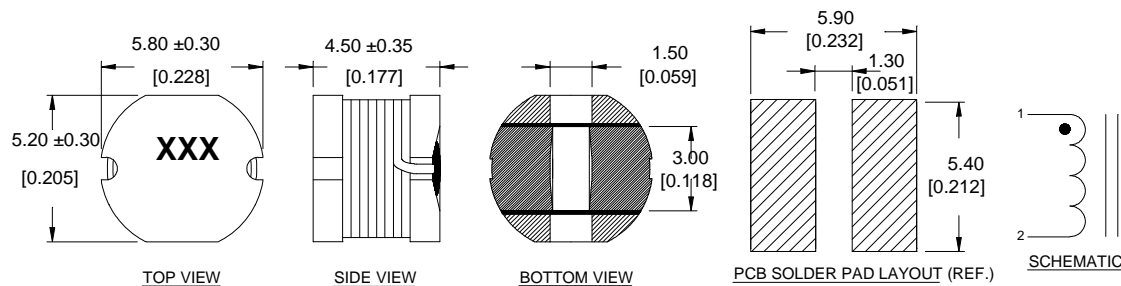
- Low Profile Surface Mount Design
- Inductance Range from 4.7 μ H to 1000 μ H
- Operating Temp. -20°C to +80°C
- Tinned Leads with Leaded Solder is Available (note 6)



ELECTRICAL SPECIFICATIONS AT 25°C

PART No.	INDUCTANCE (μ H)	DCR (Ω) 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. Terminal finish is compliant to RoHS requirements
5. Solder in accordance with J-STD-002 Rev. D
6. Non-RoHS series parts 42-334-XXX are finished with leaded solder Sn60Pb40 or equivalent