

SMD INDUCTOR DR333 SERIES

Features

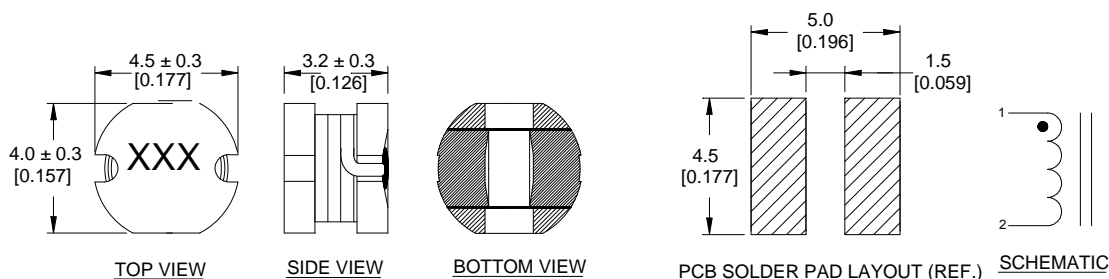
- Low Profile Surface Mount Design
- Inductance Range from 1.0 μ H to 68 μ H
- Operating Temp. -20°C to +80°C
- Tinned Leads with Lead Solder is Available (note 7)



ELECTRICAL SPECIFICATIONS AT 25°C

PART No.	INDUCTANCE (μ H)		DCR (Ω) Max.	RATED CURRENT (A) Max.
DR333-102	1.0 \pm 20%	@ 7.96MHz, 0.25V	0.0487	2.56
DR333-142	1.4 \pm 20%	@ 7.96MHz, 0.25V	0.0562	2.52
DR333-182	1.8 \pm 20%	@ 7.96MHz, 0.25V	0.0637	1.95
DR333-222	2.2 \pm 20%	@ 7.96MHz, 0.25V	0.0712	1.75
DR333-272	2.7 \pm 20%	@ 7.96MHz, 0.25V	0.0787	1.58
DR333-332	3.3 \pm 20%	@ 7.96MHz, 0.25V	0.0862	1.44
DR333-392	3.9 \pm 20%	@ 7.96MHz, 0.25V	0.0937	1.33
DR333-472	4.7 \pm 20%	@ 7.96MHz, 0.25V	0.1087	1.15
DR333-562	5.6 \pm 20%	@ 7.96MHz, 0.25V	0.1257	0.99
DR333-682	6.8 \pm 20%	@ 7.96MHz, 0.25V	0.1312	0.95
DR333-822	8.2 \pm 20%	@ 7.96MHz, 0.25V	0.1462	0.84
DR333-103	10 \pm 20%	@ 2.52MHz, 0.25V	0.182	1.04
DR333-123	12 \pm 20%	@ 2.52MHz, 0.25V	0.210	0.97
DR333-153	15 \pm 20%	@ 2.52MHz, 0.25V	0.235	0.85
DR333-183	18 \pm 20%	@ 2.52MHz, 0.25V	0.338	0.74
DR333-223	22 \pm 20%	@ 2.52MHz, 0.25V	0.378	0.68
DR333-273	27 \pm 20%	@ 2.52MHz, 0.25V	0.522	0.62
DR333-333	33 \pm 10%	@ 2.52MHz, 0.25V	0.540	0.56
DR333-393	39 \pm 10%	@ 2.52MHz, 0.25V	0.587	0.52
DR333-473	47 \pm 10%	@ 2.52MHz, 0.25V	0.844	0.44
DR333-563	56 \pm 10%	@ 2.52MHz, 0.25V	0.937	0.42
DR333-683	68 \pm 10%	@ 2.52MHz, 0.25V	1.117	0.37

MECHANICAL OUTLINES



NOTES:

1. All dimensions are shown in millimeters "mm" [inches "in"].
2. General tolerance ± 0.25 mm [0.010 in.], unless otherwise specified.
3. Irrated for an approximate 40°C temperature rise or 20% drop maximum of the nominal value, whichever is lower.
4. Tape and reel quantity, 2000 pcs/reel.
5. Terminal finish is compliant to RoHS requirements
6. Solder in accordance with J-STD-002 Rev. D
7. Non-RoHS series parts 42-333-XXX are finished with leaded solder Sn60Pb40 or equivalent