DATATRONIC DISTRIBUTION, INC.



Features

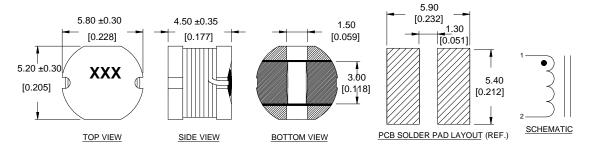
- Low Profile Surface Mount Design
- Inductance Range from 4.7µH to 1000µH
- Operating Temp. -20°C to +80°C
- Tinned Leads with Leaded Solder is Available (note 6)

ELECTRICAL SPECIFICATIONS AT 25°C



PART No.	INDUCTANCE (µH)		DCR (Ω) Max.	RATED CURRENT (A) Max.
DR334-472	4.7 ± 20%	@ 7.96MHz,0.1V	0.043	1.50
DR334-103	$10\pm20\%$	@ 2.52MHz,0.1V	0.10	1.44
DR334-123	12 ± 20%	@ 2.52MHz,0.1V	0.12	1.35
DR334-153	$15\pm20\%$	@ 2.52MHz,0.1V	0.14	1.30
DR334-183	$18\pm20\%$	@ 2.52MHz,0.1V	0.15	1.23
DR334-223	$22\pm20\%$	@ 2.52MHz,0.1V	0.18	1.11
DR334-273	$27\pm20\%$	@ 2.52MHz,0.1V	0.20	0.97
DR334-333	$33\pm20\%$	@ 2.52MHz,0.1V	0.23	0.88
DR334-393	$39\pm20\%$	@ 2.52MHz,0.1V	0.32	0.80
DR334-473	$47\pm20\%$	@ 2.52MHz,0.1V	0.37	0.72
DR334-563	56 ± 10%	@ 2.52MHz,0.1V	0.42	0.68
DR334-683	$68 \pm \mathbf{10\%}$	@ 2.52MHz,0.1V	0.46	0.61
DR334-823	82 ± 10%	@ 2.52MHz,0.1V	0.60	0.58
DR334-104	100 ± 10%	@ 1kHz,0.1V	0.70	0.52
DR334-124	$120\pm10\%$	@ 1kHz,0.1V	0.93	0.48
DR334-154	150 ± 10%	@ 1kHz,0.1V	1.10	0.40
DR334-184	180 ± 10%	@ 1kHz,0.1V	1.38	0.38
DR334-224	$220\pm10\%$	@ 1kHz,0.1V	1.57	0.35
DR334-334	330 ± 10%	@ 1kHz,0.1V	1.80	0.28
DR334-474	470 ± 10%	@ 1kHz,0.1V	2.90	0.25
DR334-684	680 ± 10%	@ 1kHz,0.1V	4.20	0.22
DR334-105	$1000\pm10\%$	@ 1kHz,0.1V	5.70	0.18

MECHANICAL OUTLINES



NOTES:

- 1. All dimensions are shown in millimeters "mm"[inches "in"].
- 2. General tolerance ±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

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