



SMD INDUCTOR DR365-1 SERIES

Features

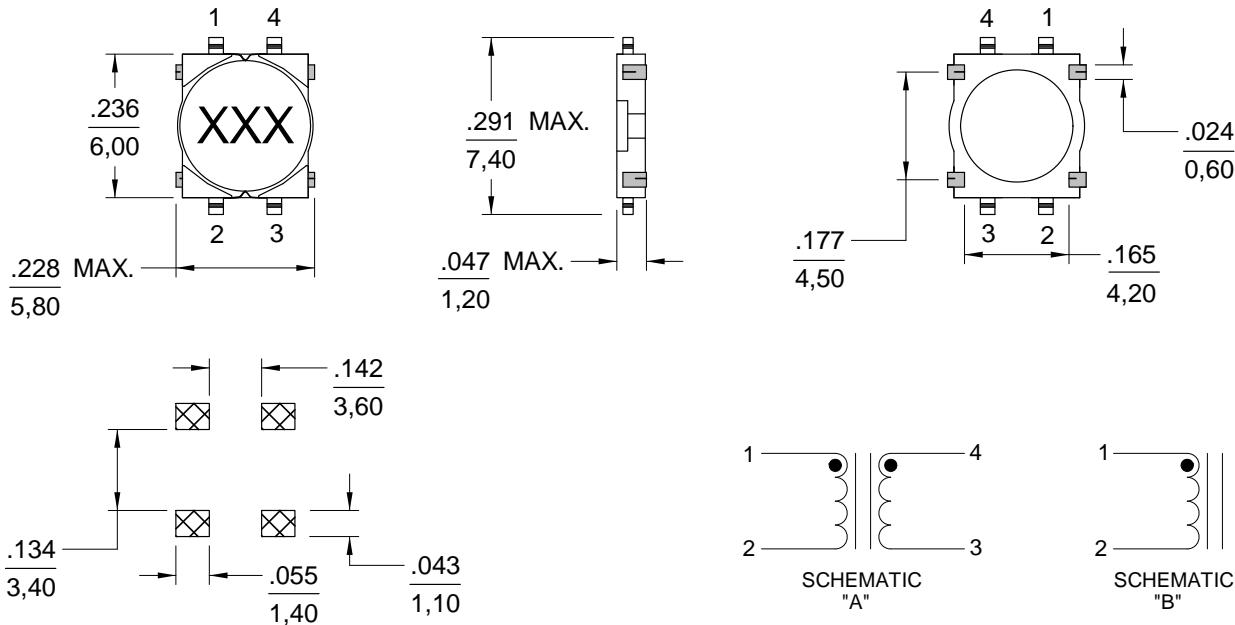
- Low Profile Surface Mount Design
- Inductance Range from $3.3\mu\text{H}$ to $100\mu\text{H}$
- Temperature Range -40°C to $+85^\circ\text{C}$
- Tinned Leads with Leaded Solder is Available (note 4)



ELECTRICAL SPECIFICATION AT 25°C

Part Number	Inductance (μH) @ 100kHz, 0.1V	DCR (Ω) Max.	Rated DC Current (A) Max.	Schematic
DR365-1-332	$3.3 \pm 20\%$	0.11	0.94	A
DR365-1-472	$4.7 \pm 20\%$	0.16	0.80	A
DR365-1-682	$6.8 \pm 20\%$	0.22	0.65	A
DR365-1-103	$10.0 \pm 20\%$	0.28	0.53	A
DR365-1-153	$15.0 \pm 20\%$	0.44	0.40	A
DR365-1-223	$22.0 \pm 20\%$	0.67	0.36	B
DR365-1-333	$33.0 \pm 20\%$	0.98	0.32	B
DR365-1-473	$47.0 \pm 20\%$	1.38	0.26	B
DR365-1-683	$68.0 \pm 20\%$	1.70	0.23	B
DR365-1-104	$100.0 \pm 20\%$	2.80	0.20	B

MECHANICAL OUTLINES



SUGGESTED PAD LAYOUT

NOTES:

1. Dimensions are shown in inches/millimeters
Unless otherwise specified, tolerance = Inches: ± 0.010
= Millimeters: ± 0.25
2. Inductance is approximately 10% lower @ rated DC current from initial value
3. Tape & Reel Packaging, 2000 pieces per reel.
4. For non-RoHS parts replace DR prefix with 42- (e.g. DR365-1 becomes 42-365-1)
5. Terminal finish is compliant to RoHS requirements.
Solder in accordance with J-STD-020D