



SMD INDUCTOR DR353-4 SERIES



Features

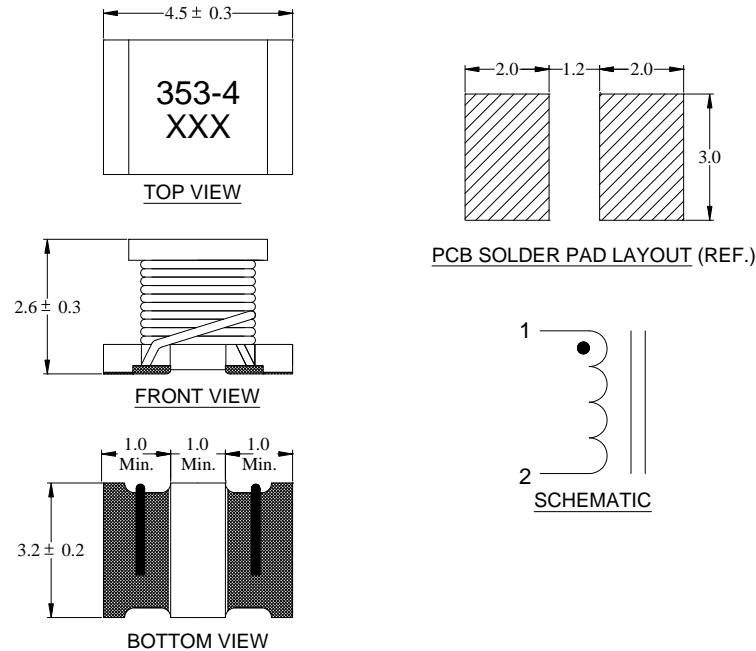
- Low Profile Surface Mount Design
- Flat Top for Pick and Place
- Inductance Range from $1.0\mu\text{H}$ to $33.0\mu\text{H}$
- Operating Temp. -25°C to $+85^\circ\text{C}$
- Tinned Leads with Leaded Solder is Available (note 6)



ELECTRICAL SPECIFICATIONS AT 25°C

Part No.	Inductance (μH)	DCR (Ω) Max.	I_{rated} (mA) Max.	SRF (MHz) Min.	
DR353-4-102	$1.0 \pm 20\%$	@ 1MHz	0.08	1080	100
DR353-4-152	$1.5 \pm 20\%$	@ 1MHz	0.09	1000	85
DR353-4-222	$2.2 \pm 20\%$	@ 1MHz	0.11	900	60
DR353-4-332	$3.3 \pm 20\%$	@ 1MHz	0.13	800	47
DR353-4-472	$4.7 \pm 20\%$	@ 1MHz	0.15	750	35
DR353-4-682	$6.8 \pm 20\%$	@ 1MHz	0.20	720	30
DR353-4-103	$10 \pm 10\%$	@ 1MHz	0.24	650	23
DR353-4-153	$15 \pm 10\%$	@ 1MHz	0.32	570	20
DR353-4-223	$22 \pm 10\%$	@ 1MHz	0.60	420	15
DR353-4-333	$33 \pm 10\%$	@ 1MHz	1.00	310	12

MECHANICAL OUTLINES



Notes:

1. All dimensions are shown in millimeter "mm"
2. General tolerance $\pm 0.2\text{mm}$, unless other specified
3. I_{rated} for an approximate 40°C temperature rise
4. I_{rated} for an approximate 20% drop maximum of the initial value
5. Tape and reel quantity, 500 pcs/reel
6. For non-RoHS parts replace DR prefix with 42- (e.g. DR353-4 becomes 42-353-4)
7. Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020D