



SMD INDUCTOR DR353-6 SERIES

Features

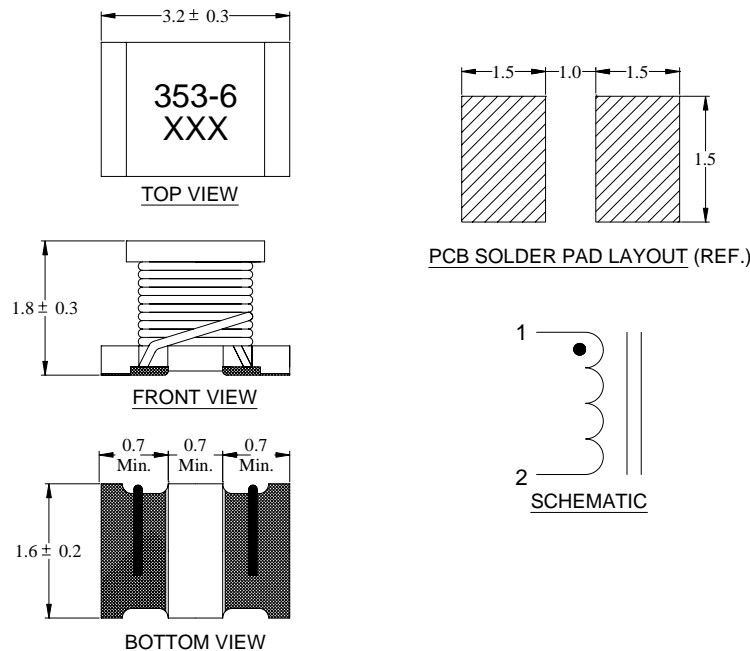
- Low Profile Surface Mount Design
- Flat Top for Pick and Place
- Inductance Range from 0.12μH to 100.0μH
- Operating Temp. -25°C to + 85°C
- Tinned Leads with Leaded Solder is Available (note 6)



ELECTRICAL SPECIFICATIONS AT 25°C

Part No.	Inductance (μH)		DCR (Ω) Max.	I _{rated} (mA) Max.	SRF (MHz) Min.
DR353-6-121	0.12±20%	@1MHz	0.112	970	250
DR353-6-221	0.22±20%	@1MHz	0.140	850	250
DR353-6-471	0.47±20%	@1MHz	0.210	700	180
DR353-6-102	1.0±20%	@1MHz	0.364	510	100
DR353-6-222	2.2±20%	@1MHz	0.533	430	50
DR353-6-472	4.7±20%	@1MHz	0.845	340	31
DR353-6-103	10±10%	@1MHz	1.690	230	20
DR353-6-223	22±10%	@1MHz	3.900	160	14
DR353-6-473	47±10%	@1MHz	10.40	100	10
DR353-6-104	100±10%	@1MHz	15.60	80	7

MECHANICAL OUTLINES



Notes:

1. All dimensions are shown in millimeter "mm"
2. General tolerance ± 0.2 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, 2000 pcs/reel
6. For non-RoHS parts replace DR prefix with 42- (e.g. DR353-6 becomes 42-353-6)
7. Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020C.