

## SMD INDUCTOR DR353-2 SERIES

### Features

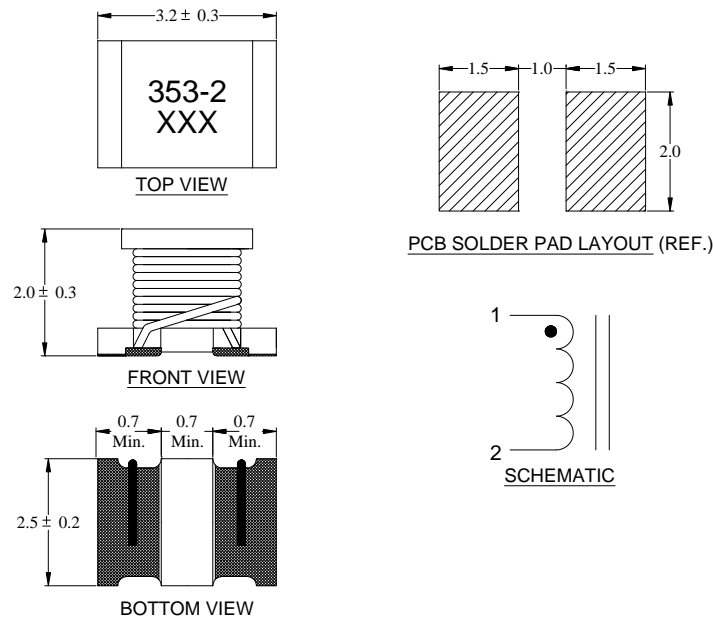
- Low Profile Surface Mount Design
- Flat Top for Pick and Place
- Inductance Range from 1.0 $\mu$ H to 560.0 $\mu$ H
- Materials meet UL94V-0
- Operating Temp. -25°C to + 85°C
- Tinned Leads with Leaded Solder is Available (note 6)



### ELECTRICAL SPECIFICATIONS AT 25°C

Part No.	Inductance ( $\mu$ H)		DCR ( $\Omega$ ) Max.	I <sub>rated</sub> (mA) Max.	SRF (MHz) Min.
DR353-2-102	1.0 $\pm$ 20%	@1MHz	0.078	1000	100
DR353-2-222	2.2 $\pm$ 20%	@1MHz	0.126	790	64
DR353-2-472	4.7 $\pm$ 20%	@1MHz	0.195	450	43
DR353-2-103	10 $\pm$ 20%	@1MHz	0.572	300	26
DR353-2-223	22 $\pm$ 20%	@1MHz	0.923	250	19
DR353-2-473	47 $\pm$ 20%	@1MHz	1.69	170	15
DR353-2-104	100 $\pm$ 10%	@1MHz	4.55	100	10
DR353-2-224	220 $\pm$ 10%	@1MHz	10.92	70	6.8
DR353-2-334	330 $\pm$ 10%	@1MHz	13.00	60	5.6
DR353-2-394	390 $\pm$ 10%	@1MHz	22.10	60	5.0
DR353-2-474	470 $\pm$ 10%	@1MHz	24.70	60	5.0
DR353-2-564	560 $\pm$ 10%	@1MHz	28.60	60	5.0

### MECHANICAL OUTLINES



### Notes:

1. All dimensions are shown in millimeter "mm"
2. General tolerance  $\pm$ 0.2mm, unless other specified
3. I<sub>rated</sub> for an approximate 40°C temperature rise
4. I<sub>rated</sub> 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. DR353-2 becomes 42-353-2)
7. Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020D