



## SMD INDUCTOR DR353-2 SERIES

### Features

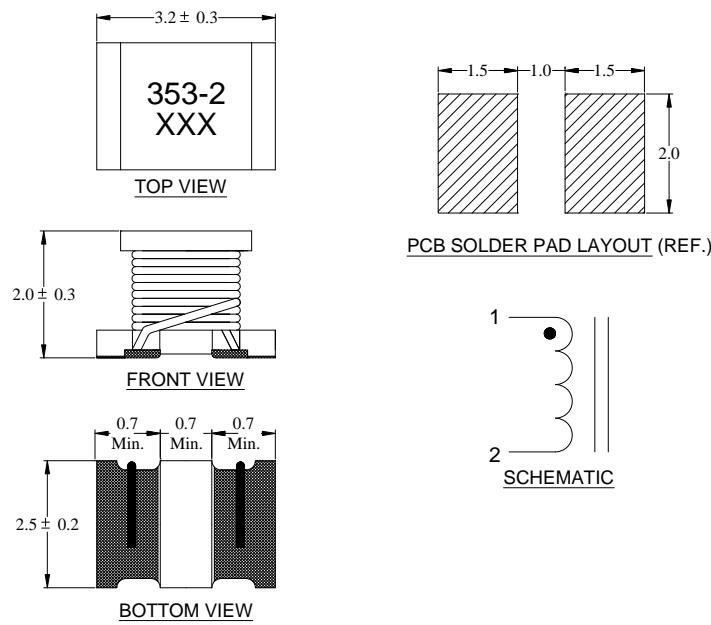
- Low Profile Surface Mount Design
- Flat Top for Pick and Place
- Inductance Range from  $1.0\mu\text{H}$  to  $560.0\mu\text{H}$
- Materials meet UL94V-0
- Operating Temp.  $-25^\circ\text{C}$  to  $+85^\circ\text{C}$
- Tinned Leads with Leaded Solder is Available (note 6)



### ELECTRICAL SPECIFICATIONS AT 25°C

Part No.	Inductance ( $\mu\text{H}$ )	DCR ( $\Omega$ ) Max.	$I_{\text{rated}}$ (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  $\pm 0.2\text{mm}$ , unless other specified
3.  $I_{\text{rated}}$  for an approximate  $40^\circ\text{C}$  temperature rise
4.  $I_{\text{rated}}$  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. DR353-2 becomes 42-353-2)
7. Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020D