

MD Series

SMD Low Profile High Current Molded Inductor

Size 1335



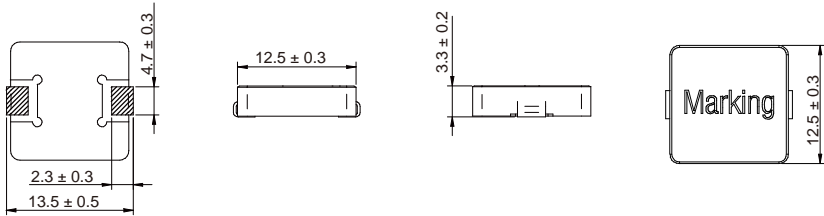
CHARACTERISTICS

- Molded type
- High saturation current due to CIP material
- Nature air gap and no acoustic noise
- Different sizes available
- Quantity: 500pcs

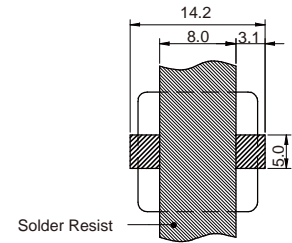
APPLICATION

- High current DC/DC converter
- LC filter

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No	Inductance	Tolerance	Temperature Rise Current Typ.	current Typ.	DCR Typ.	DCR Max.	500
MD1335-1R0M	1.00	±20%	24	40	2.7	3.5	
MD1335-1R2M	1.20	±20%	21	37	4.0	5.0	
MD1335-1R5M	1.50	±20%	19	35	4.8	5.5	
MD1335-1R8M	1.80	±20%	17	30	5.2	7.0	
MD1335-2R2M	2.20	±20%	16	29	6.3	8.0	
MD1335-3R3M	3.30	±20%	12	27	11	13.5	
MD1335-4R7M	4.70	±20%	10	24	15.3	18.5	
MD1335-5R6M	5.60	±20%	9.5	19	18	22	
MD1335-6R8M	6.80	±20%	9.0	18	20	24	
MD1335-8R2M	8.20	±20%	8.5	16	23	28	
MD1335-100M	10.0	±20%	7.5	14	29	34	
MD1335-150M	15.0	±20%	6.5	10	55	65	
MD1335-220M	22.0	±20%	4.5	7.0	83	99	
MD1335-330M	33.0	±20%	3.5	6.0	132	160	
MD1335-470M	47.0	±20%	3.0	5.5	181	218	

Operating temperature: -40°C ~ +125°C

Temperature rise current: The actual value of DC current when the temperature rise is $\leq 40^\circ\text{C}$

Saturation Current that will cause initial inductance to drop 20% approximately.

Typical Electrical Characteristics:

