

MDA HT Series

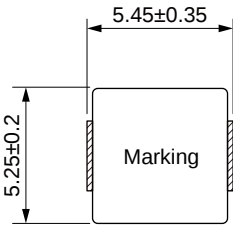
SMD Low Profile High Current Molded Inductor

Size 5030

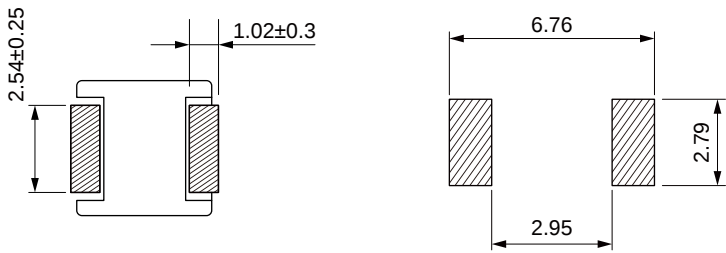
FEATURES

- High performance realized by metal dust core and hot pressing process
- HVAC
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Dimensions: [mm]



Land Pattern: [mm]



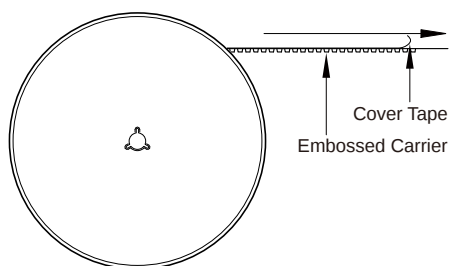
Electrical Properties:

Part No	Inductance @ 100KHz/1V	Tolerance	Temperature Rise Current Typ.	Current Typ.	DC Resistance Max.
MDA5030HT-R33M	0.33	±20%	16.7	11.2	5.00
MDA5030HT-R68M	0.68	±20%	11.3	11.7	9.74
MDA5030HT-1R0M	1.00	±20%	10.8	8.0	11.5
MDA5030HT-1R5M	1.50	±20%	8.2	7.1	17.7
MDA5030HT-2R2M	2.20	±20%	7.1	6.3	23.0
MDA5030HT-3R3M	3.30	±20%	5.5	5.5	38.0
MDA5030HT-4R7M	4.70	±20%	4.4	4.5	59.0
MDA5030HT-6R8M	6.80	±20%	3.5	3.5	92.0
MDA5030HT-100M	10.0	±20%	2.8	2.35	129.5

Saturation Current will cause L to drop approximately 20%.
 Temperature Rise Current: The actual value of DC current when the temperature rise is $\Delta T=40^{\circ}\text{C}$



Reel Dimension: [mm]



Packaging Quantity: