# MD Series

SMD Low Profile High Current Molded Inductor

Size 1040

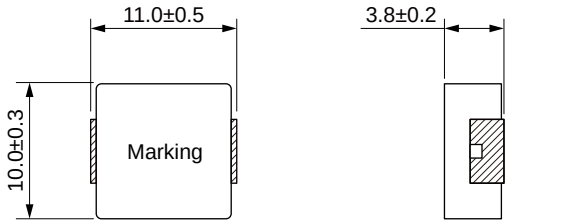
### CHARACTERISTICS

- Molded type
- High satura on current due to CIP material
- Nature air gap and no acous c noi L ū Di erent L zes availa
- LC flter
- Quan ty: 500pcs

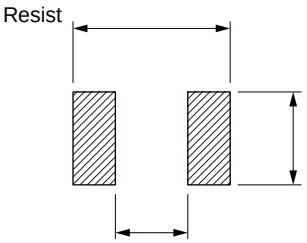
### APPLICATION

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## Dimensions: [mm]




## Land Pattern: [mm]




## Electrical Properties:

| Part No | | Tolerance | Temperature Rise Current Typ. (A) | Satura on current Typ. (A) | | |
|---|---|---|---|---|---|---|
| MD1040-R15N | 0.15 | ±30% | 43.0 | 75.0 | 0.50 | 0.60 |
| MD1040-R22M | 0.22 | ±20% | 35.0 | 60.0 | 0.80 | 1.00 |
| MD1040-R33M | 0.33 | ±20% | 31.0 | 60.0 | 1.00 | 1.20 |
| MD1040-R36M | 0.36 | ±20% | 31.0 | 60.0 | 1.05 | 1.20 |
| MD1040-R47M | 0.47 | ±20% | 28.0 | 43.0 | 1.30 | 1.50 |
| MD1040-R56M | 0.56 | ±20% | 25.0 | 40.0 | 1.60 | 1.80 |
| MD1040-R68M | 0.68 | ±20% | 22.0 | 39.0 | 2.40 | 2.70 |
| MD1040-1R0M | 1.00 | ±20% | 18.0 | 36.0 | 3.00 | 3.30 |
| MD1040-1R5M | 1.50 | ±20% | 16.0 | 33.0 | 4.00 | 4.60 |
| MD1040-2R2M | 2.20 | ±20% | 12.0 | 27.0 | 6.50 | 7.00 |
| MD1040-3R3M | 3.30 | ±20% | 11.0 | 20.0 | 10.8 | 11.8 |
| MD1040-4R7M | 4.70 | ±20% | 10.0 | 17.0 | 15.0 | 15.5 |
| MD1040-5R6M | 5.60 | ±20% | 9.00 | 14.0 | 17.0 | 19.3 |
| MD1040-6R8M | 6.80 | ±20% | 8.50 | 13.5 | 17.5 | 23.3 |
| MD1040-8R2M | 8.20 | ±20% | 8.00 | 12.5 | 20.0 | 22.5 |
| MD1040-100M | 10.0 | ±20% | 7.50 | 12.0 | 27.0 | 30.0 |



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Typical Electrical Characteristics: