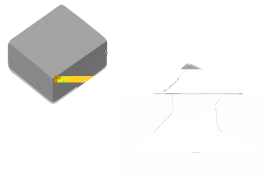
MDTA Series

SMD Low Profile High Current Molded Inductor

Size 141208



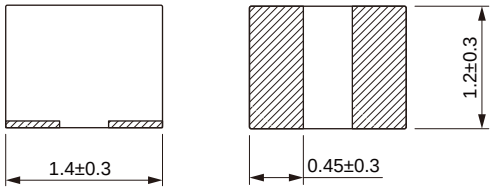
FEATURES

- High current, low DCR,high e ciency.
- Very low acous c noise and very low leakage flux noise.
- AEC-Q200 qualified
- 100% Lead(Pb)-Free and RoHS compliant.
- Opera ng temperature: -55 to +155 °C (including self-temperature rise)
- Quan ty: 3000PCS

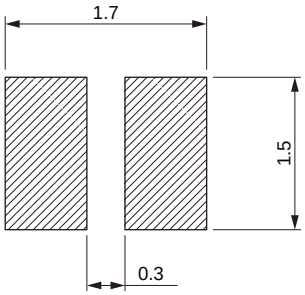
APPLICATION

-
-
-
-
-

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No	Inductance @ 100KHz/1V	Tolerance	Temperature Rise Current Typ. (A)	Temperature Rise Current Max. (A)	Current Typ. (A)	Current Max. (A)	DC Resistance Typ.	DC Resistance Max.
MDTA141208-R33M	0.33	±20%	4.0	3.5	5.3	5.0	23	28
MDTA141208-R47M	0.47	±20%	3.8	3.3	4.6	4.2	29	35

Saturation Current will cause L to drop approximately 30%

Temperature Rise Current: The actual value of DC current when the temperature rise is △T=40°C

KOHER Electronic
4546 BATES DRIVE, YORBLINDA CA 92886 USA
714-325-4789 Contact@kohergroup.com

Typical Electrical Characteristics:

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