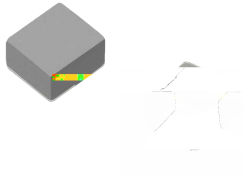


MDTA Series
SMD Low Profile High Current Molded Inductor
Size 141208



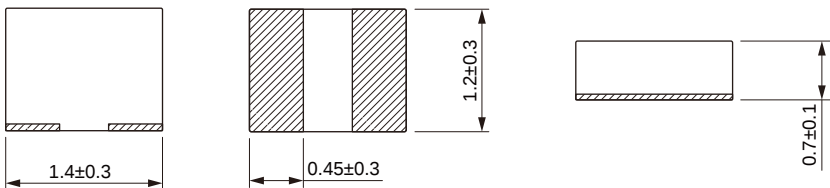
FEATURES

- High current, low DCR, high efficiency.
- Very low acoustic noise and very low leakage flux noise.
- AEC-Q200 qualified
- 100% Lead(Pb)-Free and RoHS compliant.
- Operating temperature: -55 to +155 °C (including self-temperature rise)
- Quantity: 3000PCS

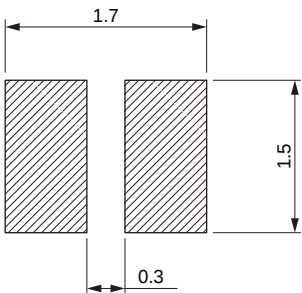
APPLICATION

- Power supply
- LED lighting
- Motor drive
- Industrial control
- Automotive electronics

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

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 $\Delta T=40^{\circ}\text{C}$



Typical Electrical Characteristics: