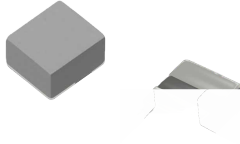


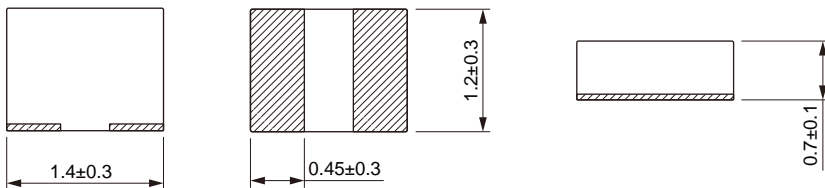
## SMD Low Profile High Current Molded Inductor Size 141208



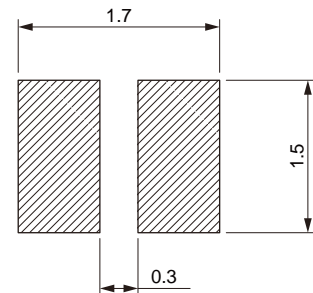
- High current, low DCR, high efficiency.
- Very low acoustic noise and very low leakage flux noise.
- AEC-Q200 qualified
- 100% Lead(Pb)-Free and RoHS compliant.
- Operating temperature: -55 to +155 °C (including self-temperature rise)
- Quantity: 3000PCS

- ADAS
- Headlamps, tail lamps and interior lighting
- HVAC
- Doors, window lift and seat control
- Audio subsystem
- Digital instrument cluster
- In-Vehicle Infotainment and navigation

### 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:

