

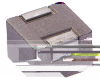
MDA Series

SMD Low Profile High Current Molded Inductor

Size 7040

FEATURES

- Shielded construction
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- Ultra low buzz noise, due to composite construction.
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- AEC-Q200 qualified
- Operating temperature: -55 to +155 °C (including self-temperature rise)
- Quantity: 1000PCS

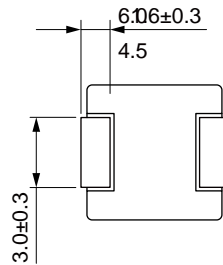
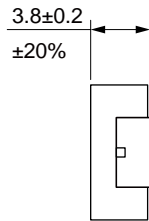
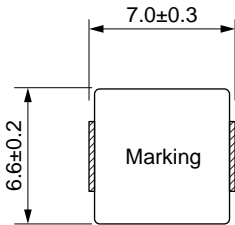


APPLICATION

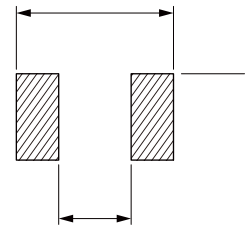
- Headlamps, tail lamps and interior lighting
- Doors, windows and seat control
- In-Vehicle Infotainment and navigation

Temperature Rise	Current	DC Resistance
Typ. (A)	Typ. (A)	Max.
	19.0	
	16.0	
	12.5	
	11.0	
	9.5	
	9.0	
	6.5	
	6.0	

Dimensions: [mm]



Land Pattern: [mm]

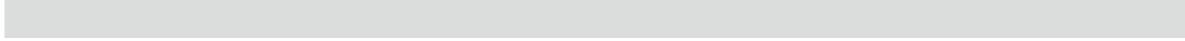


Electrical Properties:

Part No	Inductance @ 100KHz/1V				

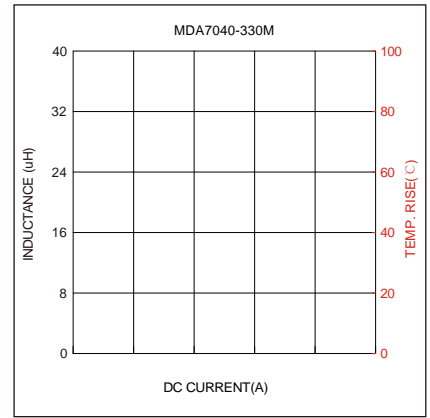
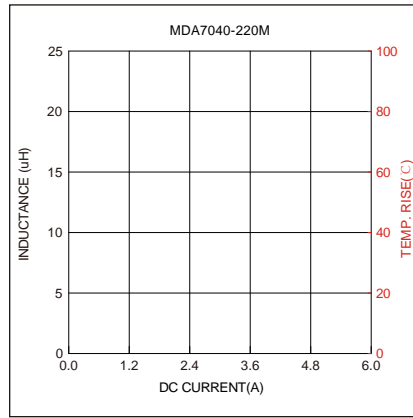
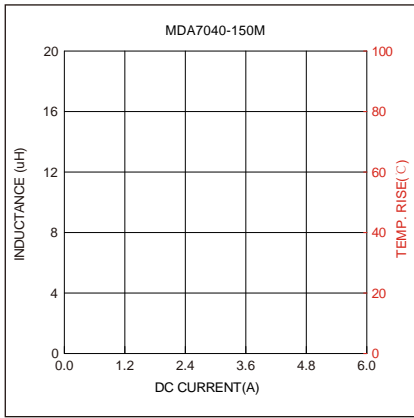
Tolerance

Current
Typ.

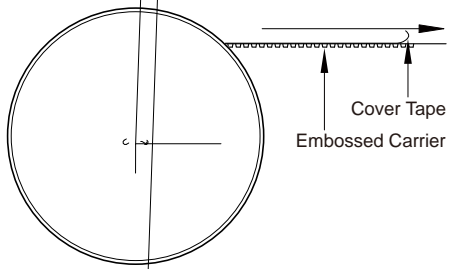


Saturation Current will cause L to drop approximately 30%

Temperature Rise Current: The actual value of DC current when the temperature rise is $\Delta T=40^{\circ}\text{C}$



Reel Dimension: [mm]



Packaging Quantity:
