



MDCA Series
SMD Power Inductor
Size 7030

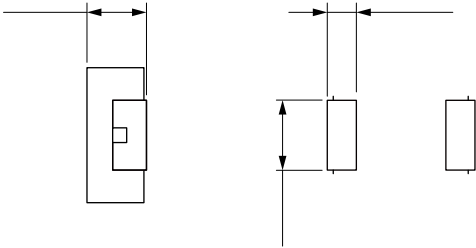
FEATURES

- Shielded construction.
- Capable of corresponding high frequency.
- Low loss realized with low DCR.
- High performance (Isat) realized by Carbonyl Powder.
- Ultra low buzz noise, due to composite construction.
- 100% Lead(Pb)-Free and RoHS compliant.
- AEC-Q200 qualified
- Operating temperature: -55 to +125 °C(including self-temperature rise)
- Quantity: 1000pcs

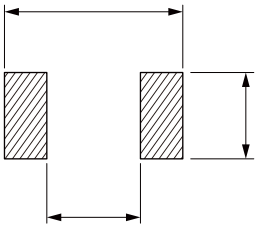
APPLICATION

- 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:

Tolerance

	±30%
	±30%
	±20%
	±20%
	±20%
	±20%



Part No	Inductance @ 100KHz/1V (μ H)	Tolerance				
MDCA7030-100M	10.0	$\pm 20\%$	3.50	6.00	75.0	85.0
MDCA7030-150M	15.0	$\pm 20\%$	3.00	4.00	107	123
MDCA7030-220M	22.0	$\pm 20\%$	2.00	3.50	165	190

