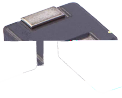


MDCA Series

SMD Power Inductor

Size 7030



FEATURES

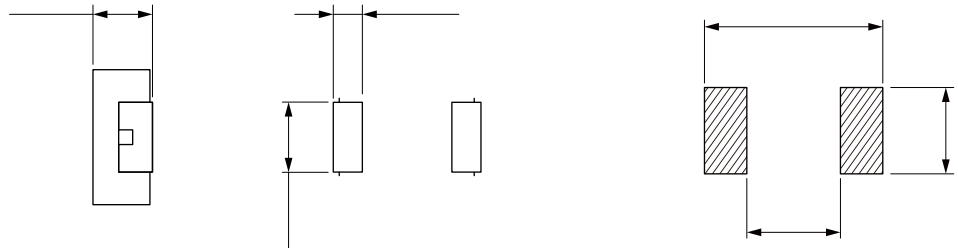
- Shielded construction.
- Capable of corresponding high frequency.
- Low loss realized with low DCR.
- High performance (Isat) realized by Carbonyl Powder.
- Ultra low buzz noise, due to composite construction.
- 100% Lead(Pb)-Free and RoHS compliant.
- AEC-Q200 qualified
- Operating temperature: -55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

	(μ H)				(m Ω)	(m Ω)
MDCA7030-R10N	0.10	$\pm 30\%$				
MDCA7030-R22N	0.22	$\pm 30\%$				
MDCA7030-R33M	0.33	$\pm 20\%$				
MDCA7030-R47M	0.47	$\pm 20\%$				
MDCA7030-R56M	0.56	$\pm 20\%$				
MDCA7030-R68M	0.68	$\pm 20\%$				
MDCA7030-R82M	0.82	$\%$				
MDCA7030-1R0M	1.00	$\%$				
MDCA7030-1R5M	1.50	$\%$				
MDCA7030-2R2M	2.20	$\%$				
MDCA7030-3R3M	3.30	$\%$				
MDCA7030-4R7M	4.70	$\%$				
MDCA7030-5R6M	5.60	$\%$				
MDCA7030-6R8M	6.80	$\%$				
MDCA7030-8R2M	8.20	$\%$				



	(μH)					
MDCA7030-100M	10.0	±20%	3.50	6.00	75.0	85.0
MDCA7030-150M	15.0	±20%	3.00	4.00	107	123
MDCA7030-220M	22.0	±20%	2.00	3.50	165	190

