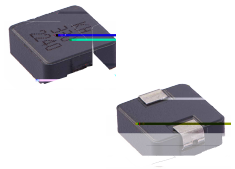
MDCA Series



FEATURES

- Shielded construc on.
- 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 construc on.
- 100% Lead(Pb)-Free and RoHS compliant.
- AEC-Q200 qualified
- Opera ng temperature: -55 to +125 °C(including self-temperature rise)

APPLICATION

- Headlamps, tail lamps and interior ligh ng
- HVAC
- Doors, window li and seat control
- Audio subsystem
- Digital instrument cluster
- In-Vehicle Infotainment and nav em p

Part No	Inductance @ 100KHz/1V (µH)	Temperature Rise Current Typ. (A)	DC Current Typ. (A)	DC Resistance Typ. (mΩ)	DC Resistance Max. (mΩ)	
		42.0		0.60	0.70	
		34.0		0.90	1.10	
		30.0		1.10	1.30	
		30.0		1.15	1.30	
		27.0		1.40	1.60	
		24.4		1.70	1.90	
		21.5		2.50	2.82	
		17.4		3.12	3.48	
		15.5		4.15	4.80	
		11.6		6.70	7.20	
		10.5		11.0	12.0	
		9.60		15.3	15.8	
MDCA1040-R15N	0.15	8.70		17.3	19.8	
MDCA1040-R22M	0.22	8.20		18.0	23.4	
MDCA1040-R33M	0.33					
MDCA1040-R36M	0.36					
MDCA1040-R47M	0.47					
MDCA1040-R56M	0.56					
MDCA1040-R68M	0.68					
MDCA1040-1R0M	1.00					
MDCA1040-1R5M	1.50					
MDCA1040-2R2M	2.20					
MDCA1040-3R3M	3.30					
MDCA1040-4R7M	4.70					
MDCA1040-5R6M	5.60					
MDCA1040-6R8M	6.80					

	Tolerance
	±20%
12.2	±20%
11.6	±20%
9.70	±20%
6.80	±20%
4.80	±20%

