Power Bead Inductors - MHC050506 Series

Meisongbei



Features

- Soldered construction for low radiation
- High performance (Isat) with low noise

Package

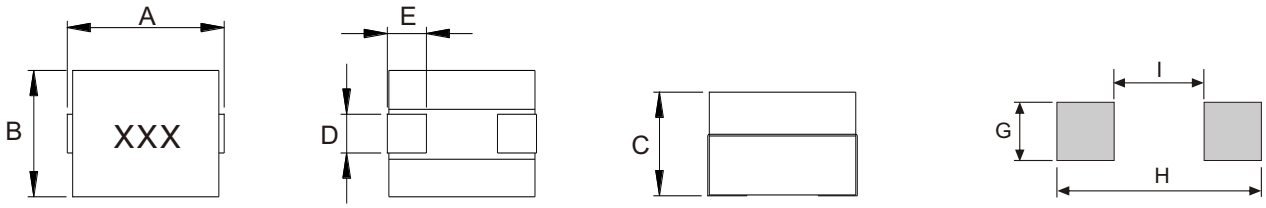
- 800PCS/Reel

General Specifications

- Storage temp range: -40°C to +125°C
- Operating temp range: -40°C to +125°C
- Moisture Sensitivity Level(MSL): 1

RoHS COMPLIANT | REACH COMPLIANT | Halogen Free

Dimensions & Configurations (Unit:mm)



Type	A	B	C	D	E	G	I	H
MHC050506	5.2 Max	5.0 Max	6.1 Max	1.4 ± 0.2	2.0 ± 0.2	2.60	1.70	5.50

Electrical Characteristics For MHC050506 Series

Part Number	Inductance [nH]	DCR [mΩ]	1-Isat@25°C (typ.) [A]	2-Isat@100°C (typ.) [A]	Irms(typ.) [A]
MHC050506-50NL	50 ±15%	0.20 ±7%	68	58	44
MHC050506-70NL	70 ±15%	0.20 ±7%	60	50	44
MHC050506-R10M	100 ±20%	0.20 ±7%	35	29	44

- Inductance tested at 100kHz, 1Vrms
- Heat Rating Current (Irms): Current that cause the temperature 40°C
- Saturation Current (Isat): DC current at which the inductance drops 20% from its value without current
- All test data is referenced to 25°C ambient. 2-Isat Saturation current test data is referenced to 100°C