Power Bead Inductors - MHC1350 Series

Meisongbei



Features

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

Package

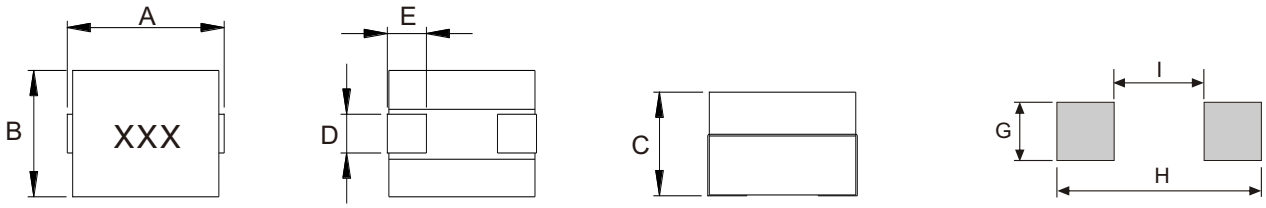
- 500PCS/Reel

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
MHC1350	13.5 Max	13.2 Max	5.0 ± 0.5	5.0 ± 0.2	2.0 ± 0.2	5.40	8.00	13.80

Electrical Characteristics For MHC1350 Series

Part Number	Inductance [nH]	DCR [mΩ]	Isat@25°C (typ.) [A]	Isat@125°C (typ.) [A]	Irms(typ.) [A]
MHC1350-R10M	100 ±20%	0.155 ±10%	70		50
MHC1350-R22M	220 ±20%	0.155 ±10%	40	35	50
MHC1350-R28M	280 ±20%	0.155 ±10%	30	18	50
MHC1350-R31M	310 ±20%	0.155 ±10%	24	15	50
MHC1350-R40M	400 ±20%	0.155 ±10%	18	13	50
MHC1350-R52M	520 ±20%	0.155 ±10%	13	9	50

- 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 125°C