Power Bead Inductors - MHC1380 Series

Meisongbei



Features

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

Package

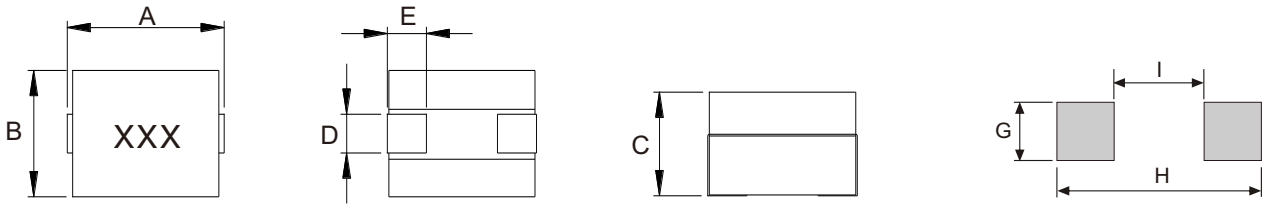
- 450PCS/Reel

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
MHC1380	13.46 Max	12.95 Max	8.5/8.0 Max	5.0 ± 0.3	2.54 ± 0.3	7.62	7.11	13.47

Electrical Characteristics For MHC1380 Series

Part Number	Inductance [nH]	DCR [mΩ]	Isat@25°C (typ.) [A]	Isat@125°C (typ.) [A]	Irms(typ.) [A]	C [mm]
MHC1380-R11K	110 ±10%	0.32 ±9.4%	120	105	45	8.5
MHC1380-R21L	210 ±15%	0.32 ±9.4%	70	55	45	8.3
MHC1380-R26L	260 ±15%	0.32 ±9.4%	60	45	45	8.2
MHC1380-R32L	320 ±15%	0.32 ±9.4%	50	35	45	8.0
MHC1380-R44L	440 ±15%	0.32 ±9.4%	35	25	45	8.0
MHC1380-R50L	500 ±15%	0.32 ±9.4%	28	23	45	8.0

- 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