Power Bead Inductors - MHC100707 Series

Meisongbei



Features

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

Package

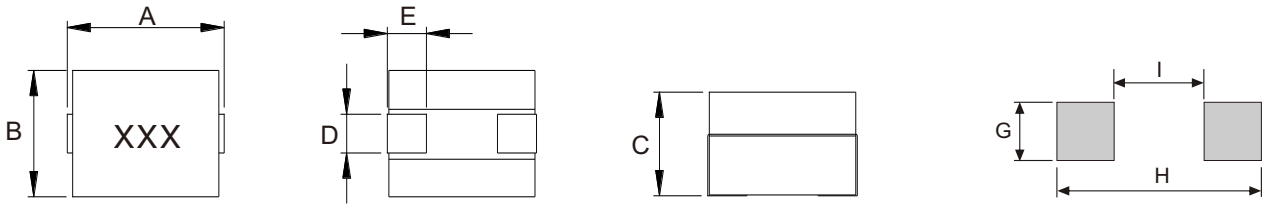
- 640PCS/Reel

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
MHC100707	11.0 Max	7.5 Max	7.0 Max	1.6 ± 0.2	2.6 ± 0.5	2.00	4.30	11.00

Electrical Characteristics For MHC100707 Series

Part Number	Inductance [nH]	DCR [mΩ]	1-Isat@25°C (typ.) [A]	2-Isat@125°C (typ.) [A]	Irms(typ.) [A]
MHC100707-R12L	120 ±15%	0.37 ±7%	85	70	37
MHC100707-R15L	150 ±15%	0.37 ±7%	75	60	37
MHC100707-R18L	180 ±15%	0.37 ±7%	50	40	37
MHC100707-R22L	220 ±15%	0.37 ±7%	40	35	37
MHC100707-R25L	250 ±15%	0.37 ±7%	35	28	37

- 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