Power Bead Inductors - MHC150705 Series

Meisongbei



Features

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

Package

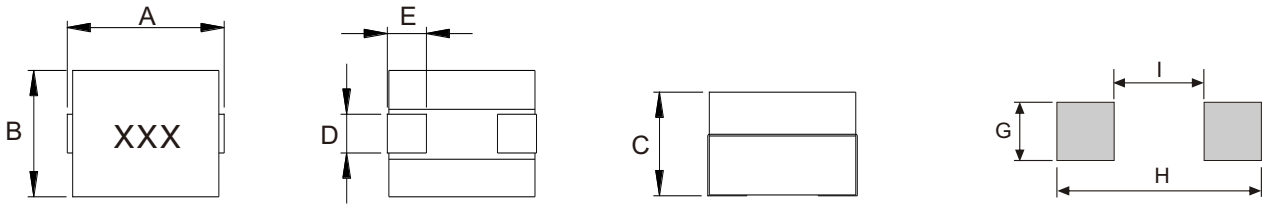
- 800PCS/Reel

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
MHC150705	14.7 ± 0.3	6.7 ± 0.3	5.0 Max	2.8 Ref	2.0 Ref	4.50	10.00	2.50

Electrical Characteristics For MHC150705 Series

Part Number	Inductance [nH]	DCR [mΩ]	Isat@25°C (typ.) [A]	Isat@125°C (typ.) [A]	Irms(typ.) [A]
MHC150705-R10L	100 ±15%	0.47 ±7%	105	80	53
MHC150705-R12L	120 ±15%	0.47 ±7%	87	75	53
MHC150705-R15L	150 ±15%	0.47 ±7%	72	60	53

- 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