Power Bead Inductors - MHC130704 Series

Meisongbei



Features

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

Package

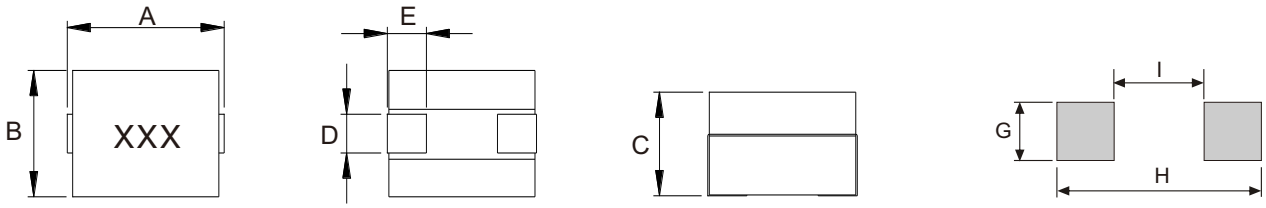
- 1200PCS/Reel

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
MHC130704	13.3 ± 0.5	7.5 ± 0.5	4.2 Max	4.1 typ	2.5 typ	4.60	7.80	13.50

Electrical Characteristics For MHC130704 Series

Part Number	Inductance [nH]	DCR [mΩ]	Isat(typ.) [A]	Irms(typ.) [A]
MHC130704-R10M	100 ±20%	0.225 ±10%	60	45
MHC130704-R12M	120 ±20%	0.225 ±10%	53	45
MHC130704-R15M	150 ±20%	0.225 ±10%	40	45
MHC130704-R22M	220 ±20%	0.225 ±10%	30	45
MHC130704-R30M	300 ±20%	0.225 ±10%	18	45
MHC130704-R47M	470 ±20%	0.225 ±10%	12	45

- Inductance tested at 100kHz, 1Vrms
- Heat Rating Current (Irms): Current that cause the temperature 40°C rise from 25°C
- Saturation Current (Isat): DC current at which the inductance drops 20% from its value without current