Power Bead Inductors - MHC100865 Series

Meisongbei



Features

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

Package

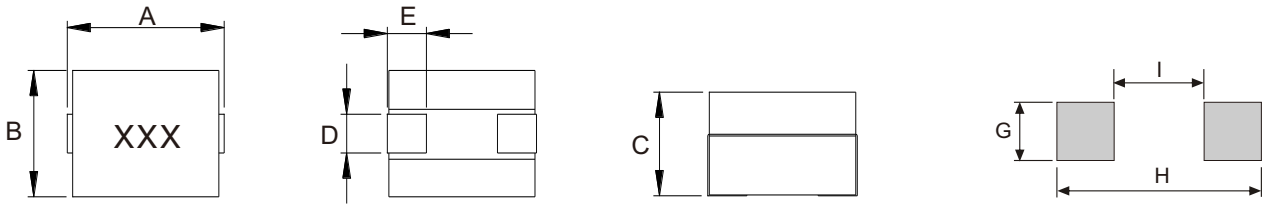
- 800PCS/Reel

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
MHC100865	10.41 Max	8.0 Max	6.5 Max	2.3 ± 0.2	2.54 ± 0.3	2.79	4.32	10.42

Electrical Characteristics For MHC100865 Series

Part Number	Inductance [nH]	DCR [mΩ]	Isat(typ.) [A]	Irms(typ.) [A]
MHC100865-R12L	120 ±15%	0.48 ± 8%	74	40
MHC100865-R14L	140 ±15%	0.48 ± 8%	66	40
MHC100865-R15L	150 ±15%	0.48 ± 8%	63	40
MHC100865-R17L	170 ±15%	0.48 ± 8%	55	40
MHC100865-R22L	220 ±15%	0.48 ± 8%	43	40
MHC100865-R30L	300 ±15%	0.48 ± 8%	30	40

- 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