Power Bead Inductors - MHC101005 Series

Meisongbei



Features

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

General Specifications

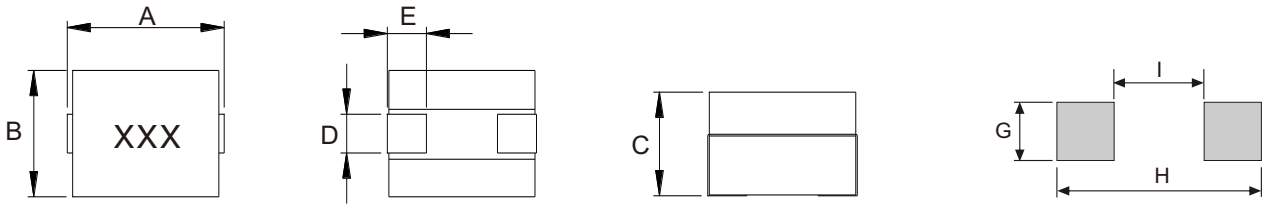
- Storage temp range: -40°C to +125°C
- Operating temp range: -40°C to +125°C
- Moisture Sensitivity Level(MSL): 1

Package

- 700PCS/Reel

RoHS COMPLIANT | REACH COMPLIANT | Halogen Free

Dimensions & Configurations (Unit:mm)



Type	A	B	C	D	E	G	I	H
MHC101005	10.0 ± 0.5	9.7 ± 0.5	5.0 ± 0.5	2.5 ± 0.2	2.0 ± 0.2	3.00	5.80	10.70

Electrical Characteristics For MHC101005 Series

Part Number	Inductance [nH]	DCR [mΩ]	Isat(typ.) [A]	Irms(typ.) [A]
MHC101005-R20M	200 ±20%	0.26 ±7%	36	26
MHC101005-R25M	250 ±20%	0.26 ±7%	32	26
MHC101005-R30M	300 ±20%	0.26 ±7%	24	26
MHC101005-R36M	360 ±20%	0.26 ±7%	16	26

- 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