Power Bead Inductors - MHC6030 Series

Meisongbei



Features

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

Package

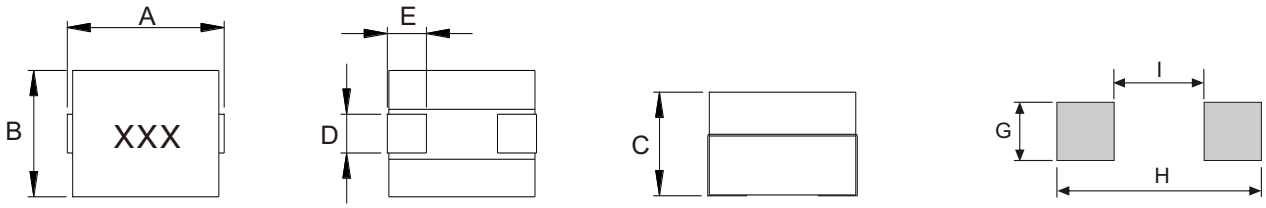
- 1300PCS/Reel

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
MHC6030	7.2 Max	6.7 Max	3.0 Max	3.0 ± 0.2	1.0 Min	4.50	2.50	7.50

Electrical Characteristics For MHC6030 Series

Part Number	Inductance [nH]	DCR [mΩ]	Isat(typ.) [A]	Irms(typ.) [A]
MHC6030-47NM	47 ±20%	0.24 typ	42	39
MHC6030-64NM	64 ±20%	0.24 typ	32	39

- 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