Power Bead Inductors - MHC7050 Series

Meisongbei



Features

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

Package

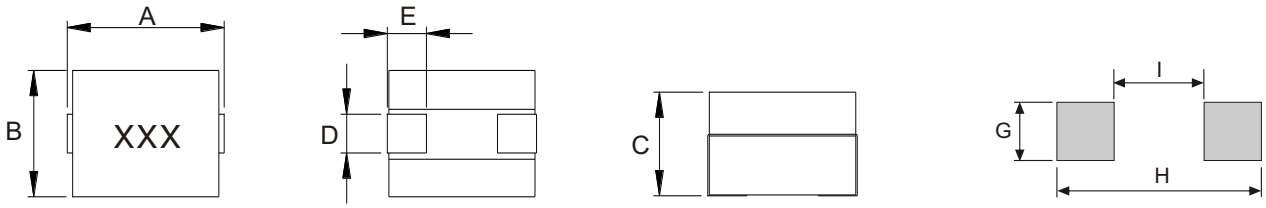
- 1000PCS/Reel

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
MHC7050	7.0 ± 0.5	6.6 ± 0.5	5.0 ± 0.5	2.5 ± 0.2	1.5 ± 0.2	3.00	4.00	8.00

Electrical Characteristics For MHC7050 Series

Part Number	Inductance [nH]	DCR [mΩ]	Isat(typ.) [A]	Irms(typ.) [A]
MHC7050-47NM	47 ±20%	0.26 ±7%	80	40
MHC7050-72NM	72 ±20%	0.26 ±7%	60	40
MHC7050-R10M	100 ±20%	0.26 ±7%	48	40
MHC7050-R15M	150 ±20%	0.26 ±7%	32	40
MHC7050-R20M	200 ±20%	0.26 ±7%	20	40
MHC7050-R22M	220 ±20%	0.26 ±7%	18	40
MHC7050-R31M	310 ±20%	0.26 ±7%	15	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