Power Bead Inductors - MHC7070 Series

Meisongbei



Features

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

Package

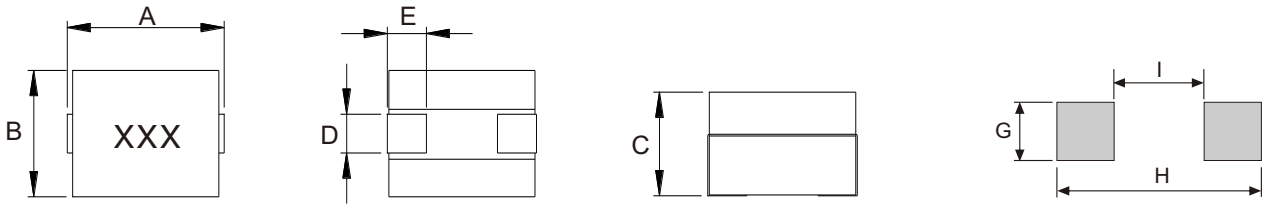
- 500PCS/Reel

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
MHC7070	7.0 ± 0.5	7.0 ± 0.5	7.0 ± 0.5	2.0 ± 0.2	1.8 ± 0.2	2.50	3.00	7.60

Electrical Characteristics For MHC7070 Series

Part Number	Inductance [nH]	DCR [mΩ]	Isat(typ.) [A]	Irms(typ.) [A]
MHC7070-R10M	100 ±20%	0.29 ±10%	60	35
MHC7070-R12M	120 ±20%	0.29 ±10%	48	35
MHC7070-R15M	150 ±20%	0.29 ±10%	42	35
MHC7070-R18M	180 ±20%	0.29 ±10%	60	35
MHC7070-R22M	220 ±20%	0.29 ±10%	25	35
MHC7070-R25M	250 ±20%	0.29 ±10%	22	35
MHC7070-R33M	330 ±20%	0.29 ±10%	12	35

- 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