Power Bead Inductors - MHC1070-D47 Series

Meisongbei



Features

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

Package

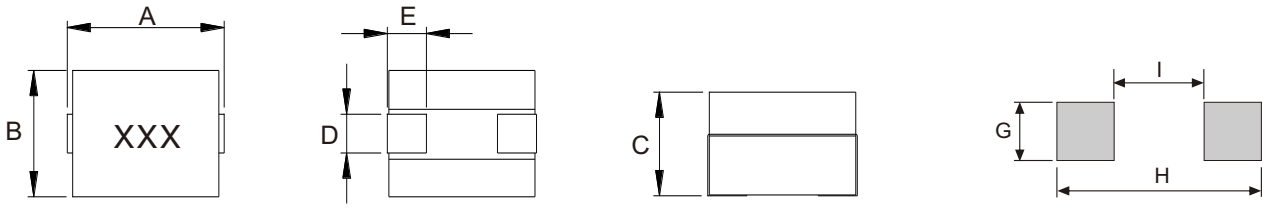
- 500PCS/Reel

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
MHC1070-D47	10.1 ± 0.5	7.0 ± 0.5	7.0 ± 0.5	1.6 ± 0.2	2.6 ± 0.3	2.60	4.00	11.20

Electrical Characteristics For MHC1070-D47 Series

Part Number	Inductance [nH]	DCR [mΩ]	Isat(typ.) [A]	Irms(typ.) [A]
MHC1070-R10M-D47	100 ±20%	0.47 ±7%	60 Min	27
MHC1070-R12M-D47	120 ±20%	0.47 ±7%	60 Min	27
MHC1070-R15M-D47	150 ±20%	0.47 ±7%	58	27
MHC1070-R20M-D47	200 ±20%	0.47 ±7%	48	27
MHC1070-R25M-D47	250 ±20%	0.47 ±7%	44	27
MHC1070-R30M-D47	300 ±20%	0.47 ±7%	33	27
MHC1070-R33M-D47	330 ±20%	0.47 ±7%	30	27
MHC1070-R40M-D47	400 ±20%	0.47 ±7%	22	27

- 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