Power Bead Inductors - MHC1070-D29/D70 Series

Meisongbei



Features

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

Package

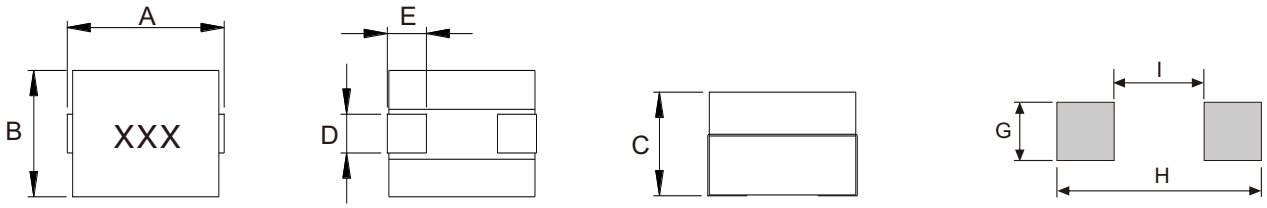
- 500PCS/Reel

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-D29	11.0 Max	7.5 Max	7.0 Max	1.7 ± 0.2	2.7 ± 0.5	2.60	4.00	11.20
MHC1070-D70	10.4 Max	7.4 Max	7.0 Max	1.7 Ref	2.5 Ref	2.60	4.00	11.20

Electrical Characteristics For MHC1070-D29/D70 Series

Part Number	Inductance [nH]	DCR [mΩ]	Isat(typ.) [A]	Irms(typ.) [A]
MHC1070-R12L-D29	120 ±15%	0.29 ±5%	75	55
MHC1070-R15L-D29	150 ±15%	0.29 ±5%	65	55
MHC1070-R18L-D29	180 ±15%	0.29 ±5%	50	55
MHC1070-R20L-D29	200 ±15%	0.29 ±5%	45	55
MHC1070-R23L-D29	230 ±15%	0.29 ±5%	38	55
MHC1070-R30L-D29	330 ±15%	0.29 ±5%	30	55
MHC1070-R15L-D70	150 ±15%	0.70 ±7%	65	23
MHC1070-R30L-D70	300 ±15%	0.70 ±7%	30	23
MHC1070-R37L-D70	370 ±15%	0.70 ±7%	25	23

- 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