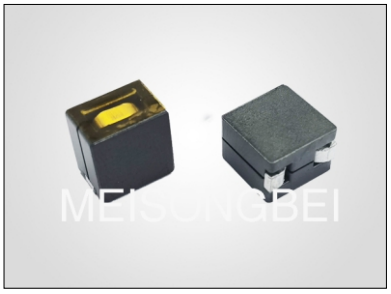
Power Bead Inductors - MHE100712 Series

Meisongbei



Features

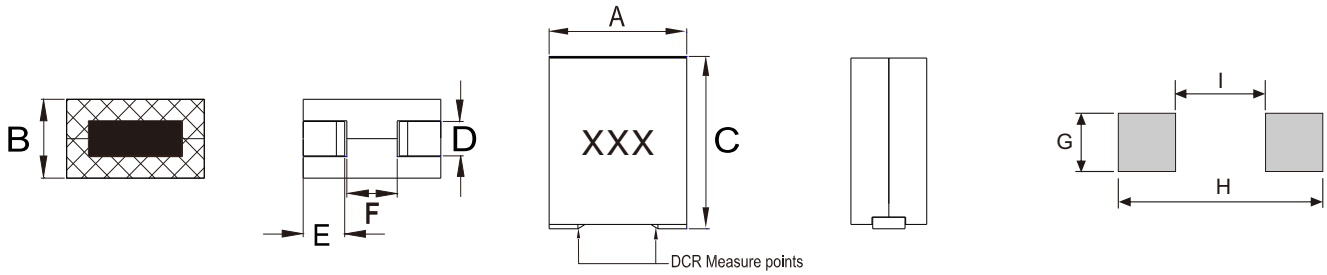
- Soldered construction for low radiation
- High rated current
- Low DCR

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	F	G	I	H
MHE100712	10.7 Max	7.5 Max	12.0 Max	3.1 ± 0.3	2.8 ± 0.4	4.4 ± 0.5	3.6	3.7	11.0

Electrical Characteristics For MHE100712 Series

Part Number	Inductance [nH]	DCR [mΩ]	Isat@25°C (typ.) [A]	Isat@100°C (typ.) [A]	Irms(typ.) [A]
MHE100712-R12L	120.0	0.150 ±10%	120	105	62
MHE100712-R15L	150.0	0.150 ±10%	100	80	62
MHE100712-R18L	180.0	0.150 ±10%	80	70	62
MHE100712-R22L	220.0	0.150 ±10%	75	64	62
MHE100712-R25L	250.0	0.150 ±10%	66	56	62
MHE100712-R27L	270.0	0.150 ±10%	60	51	62
MHE100712-R32M	320.0	0.150 ±10%	51	43	62
MHE100712-R40M	400.0	0.150 ±10%	41	35	62
MHE100712-R47M	470.0	0.150 ±10%	34	29	62
MHE100712-R60M	600.0	0.150 ±10%	24.5	21	62