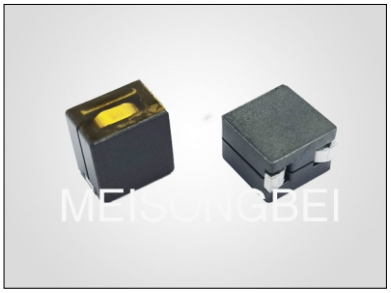
Power Bead Inductors - MHE100710 Series

Meisongbei



Features

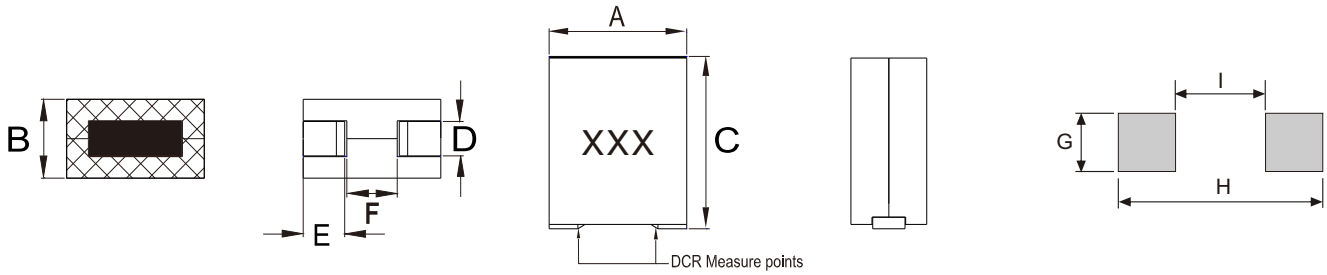
- Soldered construction for low radiation
- High rated current
- Low DCR

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
MHE100710	10.0 Max	7.0 Max	10.0 Max	2.4 ± 0.25	2.5 ± 0.5	4.4 Ref	3.0	3.9	11.0

Electrical Characteristics For MHE100710 Series

Part Number	Inductance [nH]	DCR [mΩ]	Isat@25°C (typ.) [A]	Isat@100°C (typ.) [A]	Irms(typ.) [A]
MHE100710-R10L	100 ±15%	0.18 ±10%	117	100	70
MHE100710-R12L	120 ±15%	0.18 ±10%	90	80	70
MHE100710-R15L	150 ±15%	0.18 ±10%	75+	75	70
MHE100710-R18L	180 ±15%	0.18 ±10%	75	65	70
MHE100710-R22L	220 ±15%	0.18 ±10%	60	50	70
MHE100710-R30M	300 ±20%	0.18 ±10%	43	33	70
MHE100710-R33M	330 ±20%	0.18 ±10%	35	30	70
MHE100710-R47M	470 ±20%	0.18 ±10%	20	15	70