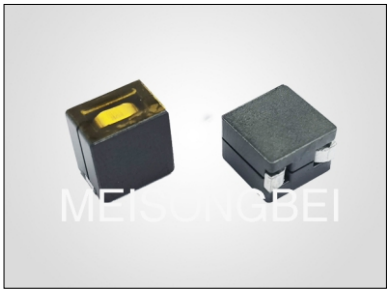
Power Bead Inductors - MHE966509 Series

Meisongbei



Features

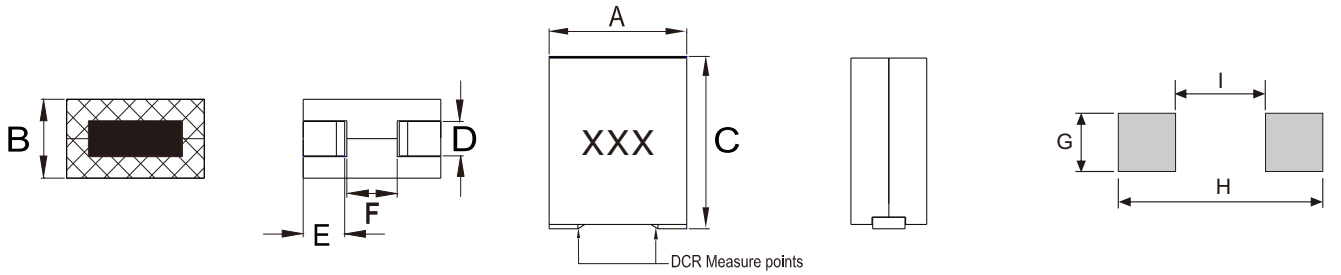
- Soldered construction for low radiation
- High rated current
- Low DCR

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
MHE966509	9.6 Max	6.7/6.5Max	9.0 Max	2.6 ± 0.3	2.5 ± 0.5	3.8 Ref	3.1	3.5	10.0

Electrical Characteristics For MHE966509 Series

Part Number	Inductance [nH]	DCR [mΩ]	Isat@25°C (typ.) [A]	Isat@100°C (typ.) [A]	Irms(typ.) [A]
MHE966509-65NL	65 ±15%	0.170 ±5%	120	110	66
MHE966509-75NL	75 ±15%	0.170 ±5%	120	110	66
MHE966509-R09L	90 ±15%	0.170 ±5%	110	100	66
MHE966509-R10L	100 ±15%	0.170 ±5%	110	100	66
MHE966509-R12L	120 ±15%	0.170 ±5%	94	80	66
MHE966509-R15L	150 ±15%	0.170 ±5%	75	60	66
MHE966509-R17L	170 ±15%	0.170 ±5%	65	55	66
MHE966509-R18L	180 ±15%	0.170 ±5%	65	55	66
MHE966509-R21L	210 ±15%	0.170 ±5%	48	35	66
MHE966509-R22L	220 ±15%	0.170 ±5%	47	35	66
MHE966509-R30L	300 ±15%	0.170 ±5%	33	20	66