

Features

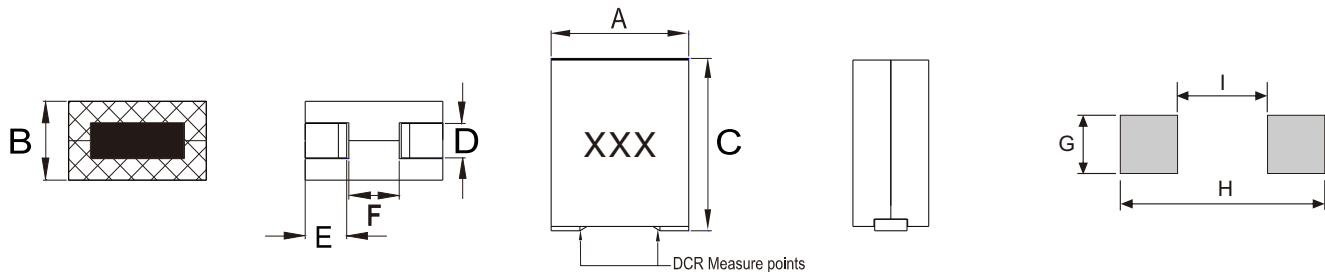
- Soldered construction for low radiation
- High rated current
- Low DCR

General Specifications

- Storage temp range: -40°C to +125°C
- Operating temp range: -40°C to +125°C
- Moisture Sensitivity Level(MSL): 1



► Dimensions & Configurations (Unit:mm)



Type	A	B	C	D	E	F	G	I	H
MHE100709	10.0 Max	7.0 Max	9.0 Max	2.5 ± 0.3	2.5 ± 0.5	4.0 Ref	3.0	3.7	11.0

► Electrical Characteristics For MHE100709 Series

Part Number	Inductance [nH]	DCR [mΩ]	Isat@25°C (typ.) [A]	Isat@100°C (typ.) [A]	Irms(typ.) [A]
MHE100709-R10L	100 ±15%	0.18 ±10%	105	90	70
MHE100709-R12L	120 ±15%	0.18 ±10%	80	70	70
MHE100709-R15L	150 ±15%	0.18 ±10%	70	60	70
MHE100709-R18L	180 ±15%	0.18 ±10%	60	50	70
MHE100709-R22L	220 ±15%	0.18 ±10%	55	45	70
MHE100709-R32M	320 ±20%	0.18 ±10%	35	30	70
MHE100709-R40M	400 ±20%	0.18 ±10%	25	20	70