



Features

- Soldered construction for low radiation
- High performance (I_{sat}) with low noise

Package

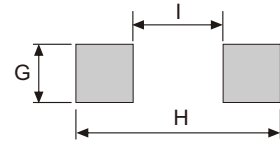
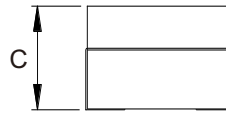
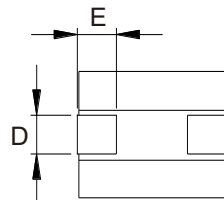
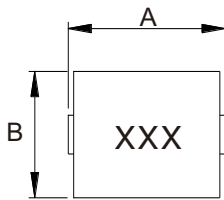
- 450PCS/Reel

General Specifications

- Storage temp range: -40°C to $+125^{\circ}\text{C}$
- Operating temp range: -40°C to $+125^{\circ}\text{C}$
- Moisture Sensitivity Level(MSL): 1



► Dimensions & Configurations (Unit:mm)



Type	A	B	C	D	E	G	I	H
MHC110709	9.8 ± 0.5	7.5 ± 0.5	9.0 Max	2.0 ± 0.2	3.3 ± 0.5	2.30	4.50	11.60

► Electrical Characteristics For MHC110709 Series

Part Number	Inductance [nH]	DCR [mΩ]	$I_{sat}(typ.)$ [A]	$I_{rms}(typ.)$ [A]
MHC110709-R15L	$150 \pm 15\%$	$0.29 \pm 7\%$	75	44
MHC110709-R21L	$210 \pm 15\%$	$0.29 \pm 7\%$	57	44
MHC110709-R28L	$280 \pm 15\%$	$0.29 \pm 7\%$	40	44
MHC110709-R29M	$290 \pm 15\%$	$0.29 \pm 7\%$	36	44
MHC110709-R36M	$360 \pm 15\%$	$0.29 \pm 7\%$	30	44
MHC110709-R39M	$390 \pm 15\%$	$0.29 \pm 7\%$	24	44
MHC110709-R40M	$400 \pm 15\%$	$0.29 \pm 7\%$	20	44

- Inductance tested at 100kHz, 1Vrms
- Heat Rating Current (I_{rms}): Current that cause the temperature 40°C rise from 25°C
- Saturation Current (I_{sat}): DC current at which the inductance drops 20% from its value without current