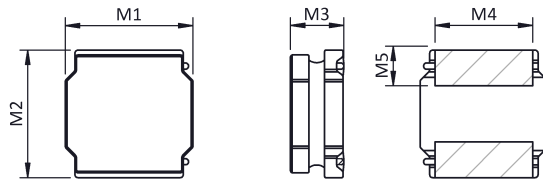
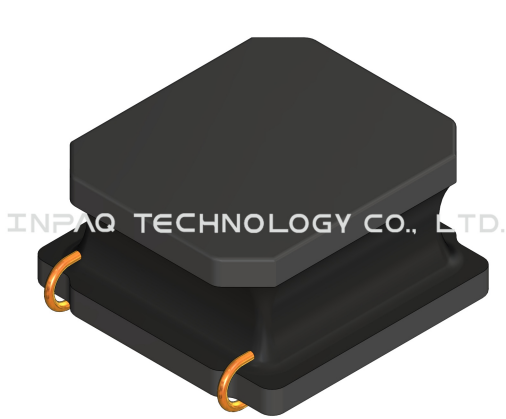


# CSMM0412D-1R5M



## Appearance & Shape



INPAQ TECHNOLOGY CO., LTD.

INPAQ TECHNOLOGY CO., LTD.

Unit:mm

ITEM	M1	M2	M3	M4	M5
DIM.	4.00	4.00	1.20	3.30	1.20
TOL.	±0.2	±0.2	MAX.	±0.3	REF.



注意 NOTICE: All Specifications are subject to change without notice.

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## Specification

L size(mm)	4.0±0.2
W size(mm)	4.0±0.2
T size(mm)	1.2 Max.
Size codeinch (mm)	0412
Inductance(uH)	1.5±20%
DCR(mΩ) Typ.	60
DCR(mΩ) Max.	75
Isat(A) Typ.	4.5
Isat(A) Max.	3.8
Irms(A) Typ.	3.2
Irms(A) Max.	2.8
Withstandvoltage(DC)	40
OperatingTemperaturerange(includingself-temperaturerising) °C	-40°C to +125°C

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## Notices

- High saturation current realized by material properties and structure design.
- Low DC resistance to achieve high conversion efficiency and lower temperature rising.
- Low Profile: 4.0 mm × 4.0 mm × 1.2 mm.
- Magnetically shielded structure to accomplish high resolution in EMC protection.
- Halogen free, Lead Free, RoHS Compliance.
- Surface marking : None.
- The moisture sensitivity level (MSL) of products is level 1.

## Packing

Packing Reel(Inch)	Standard package quantity(KPCS)	Piece weight(gram)	MSL Level
13	4.5	0.083	1

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