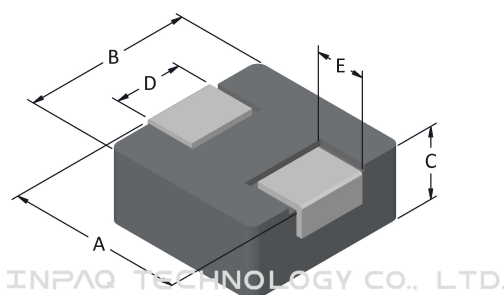
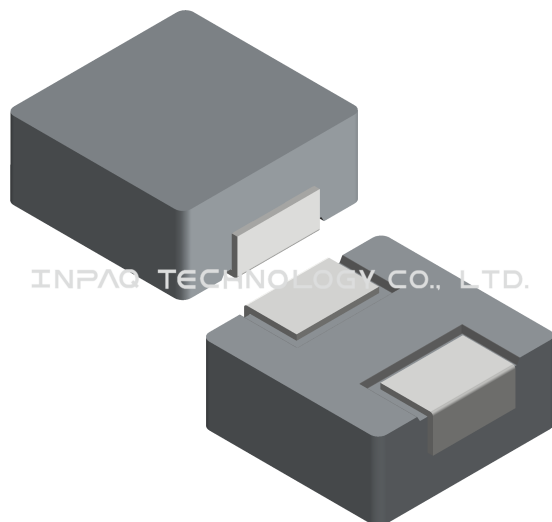


AIP0412MB-1 R0M



Appearance & Shape



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
AIP0408MB	4.1±0.2	4.1±0.2	0.8max.	1.8±0.2	0.8±0.2
AIP0410MB	4.1±0.2	4.1±0.2	0.8±0.2	1.8±0.2	0.8±0.2
AIP0412MB	4.4±0.35	4.2±0.25	1.0±0.2	2.0±0.3	0.8±0.3
AIP0415MB	4.6±0.2	4.1±0.2	1.5max.	2.0±0.3	1.0±0.5
AIP0420MB	4.4±0.35	4.2±0.25	1.8±0.2	2.0±0.3	0.8±0.3

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

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2. 本文件僅說明參考標準規格，如需訂購，請依實際核准所需規格進行申辦。

Specification

L size(mm)	4.4±0.35
W size(mm)	4.2±0.25
T size(mm)	1.0±0.2
Size codeInch (mm)	0412
Inductance(uH)	1
DCR(mΩ) Typ.	42
DCR(mΩ) Max.	46.5
Isat(A) Typ.	5.5
Isat(A) Max.	5
Irms(A) Typ.	5
Irms(A) Max.	4.3
Withstandvoltage(DC)	30VDC
OperatingTemperaturerange(includingself-temperaturerising) °C	– 55 °C to + 125 °C.

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Notices

Note 1: Customized design is available, please contact us.

Note 2: All test referenced to 25°C ambient

Note 3: Inductance tolerance +/- 20%

Note 4: Inductance is measured with with LCR meters WK6500B(Wayne Kerr) or equivalent.at 100KHz/1V.

Note 5: DC resistance is measured with HIOKI® micro-ohm meter RM3543 or equivalent.

Note 6: Isat means that DC current will cause a 30% inductance reduction from initial value.

Note 7: Irms means that DC current will cause coil temp. rising to 40°C whichever is smaller.

Note 8: Withstand voltage is 30V DC.

Packing

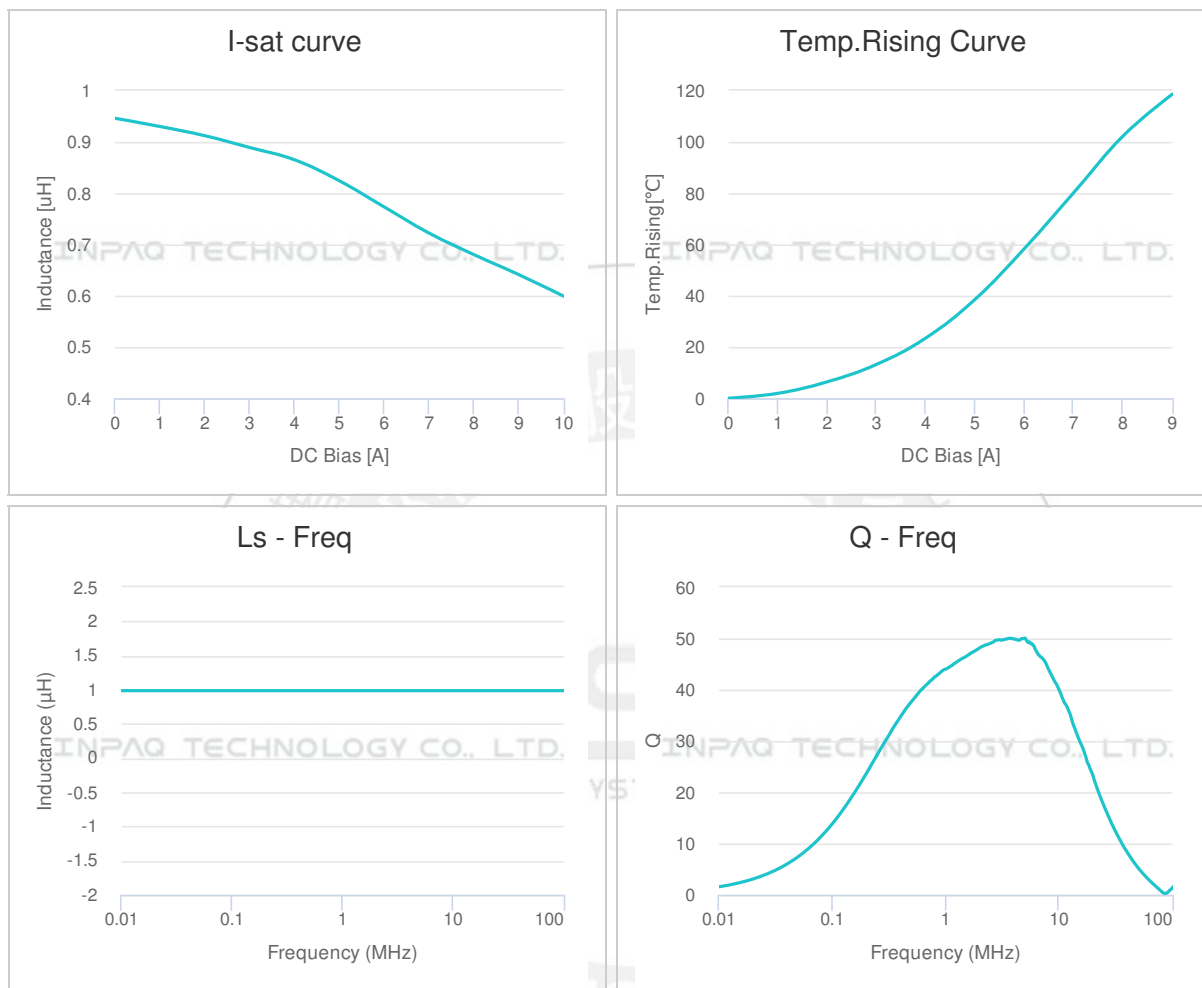
Packing Reel(Inch)	Standard package quantity(KPCS)	Piece weight(gram)	MSL Level
13	3	0.114	1

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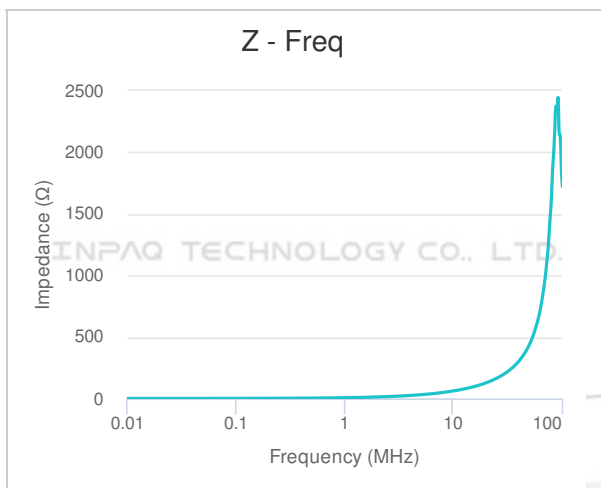
Characteristic curve



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