

# AIP0420MB-1 R2M



## Appearance & Shape



| Series    | A<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | E<br>(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)                                                    | 1.8±0.2              |
| Size codeInch (mm)                                            | 0420                 |
| Inductance(uH)                                                | 1.2                  |
| DCR(mΩ) Max.                                                  | 27                   |
| Isat(A) Typ.                                                  | 6.5                  |
| Irms(A) Typ.                                                  | 6                    |
| 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                               | 0.185              | 1         |

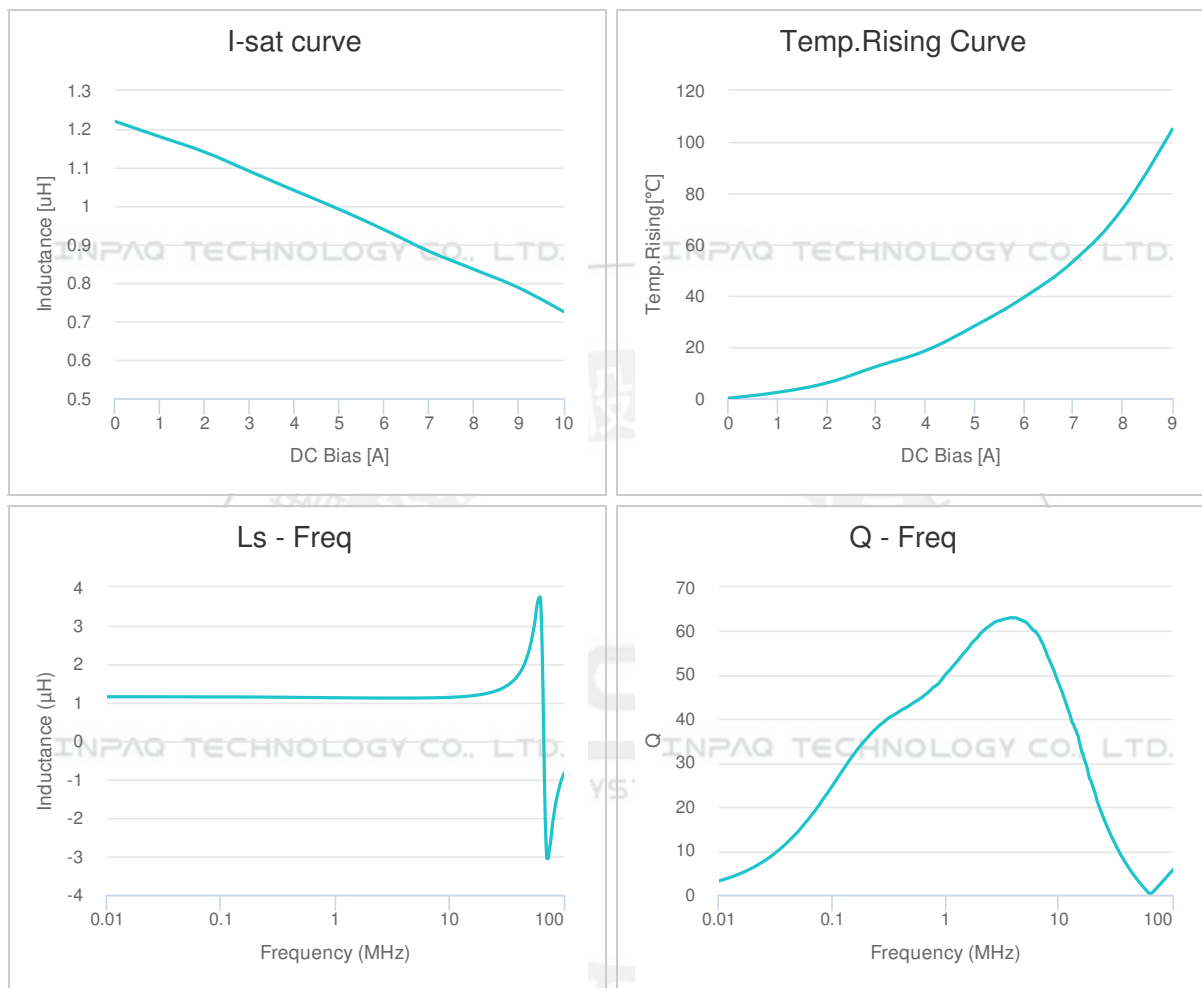
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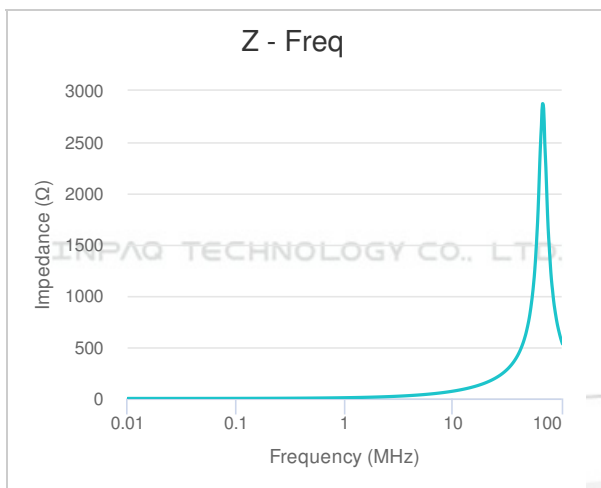
## Characteristic curve



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