

# AIP1040MB-1R5M



## Appearance & Shape



| Series    | A<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | E<br>(mm) |
|-----------|-----------|-----------|-----------|-----------|-----------|
| AIP0840MB | 8.8±0.4   | 8.2±0.3   | 3.8±0.2   | 1.4±0.3   | 5.0±0.3   |
| AIP1030MB | 11.5max.  | 10.0±0.3  | 2.8±0.2   | 2.0±0.5   | 3.0±0.5   |
| AIP1040MB | 11.5max.  | 10.0±0.3  | 3.8±0.2   | 2.0±0.5   | 3.0±0.5   |
| AIP1050MB | 11.5max.  | 10.0±0.3  | 4.8±0.2   | 2.0±0.5   | 3.0±0.5   |

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

Page 1/3

1. 本文件由 INPAQ 佳邦科技網站下載，若規格變更及停產，請於訂購時確認，恕不另行通知。
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)                                                    | 11.5 max.            |
| W size(mm)                                                    | 10.0±0.3             |
| T size(mm)                                                    | 3.8±0.2              |
| Size codeInch (mm)                                            | 1040                 |
| Inductance(uH)                                                | 1.5                  |
| DCR(mΩ) Typ.                                                  | 3.8                  |
| DCR(mΩ) Max.                                                  | 4.2                  |
| Isat(A) Typ.                                                  | 22                   |
| Isat(A) Max.                                                  | 18                   |
| Irms(A) Typ.                                                  | 16                   |
| Irms(A) Max.                                                  | 15                   |
| Withstandvoltage(DC)                                          | 40VDC                |
| OperatingTemperaturerange(includingself-temperaturerising) °C | – 55 °C to + 125 °C. |

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

Page 2/3

1. 本文件由 INPAQ 佳邦科技網站下載，若規格變更及停產，請於訂購時確認，恕不另行通知。
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。

## 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 40V DC.

## Packing

| Packing Reel(Inch) | Standard package quantity(KPCS) | Piece weight(gram) | MSL Level |
|--------------------|---------------------------------|--------------------|-----------|
| 13                 | 0.5                             | 2.25               | 1         |

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

Page 3/3

1. 本文件由 INPAQ 佳邦科技網站下載，若規格變更及停產，請於訂購時確認，恕不另行通知。

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。