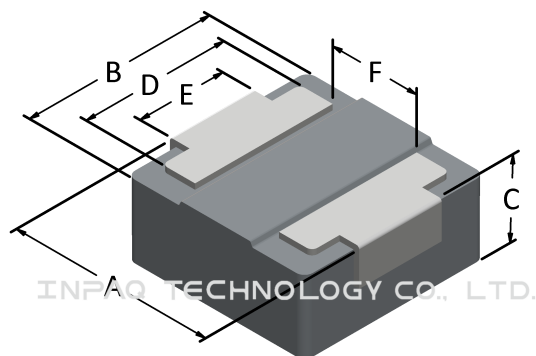
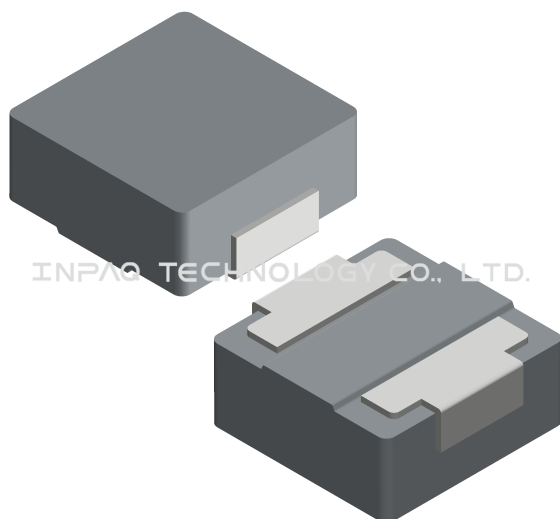


# AIP0530GX-R68MPB



## Appearance & Shape



| Series        | A (mm)  | B (mm)  | C (mm)  | D (mm)  | E (mm)  | F (mm)  |
|---------------|---------|---------|---------|---------|---------|---------|
| AIP0530GX-MPB | 5.7±0.3 | 5.4±0.3 | 3.0max. | 4.2±0.3 | 2.0±0.3 | 2.4±0.3 |
| AIP0630GX-MPB | 7.2±0.3 | 6.5±0.3 | 3.0max. | 5.0±0.3 | 3.0±0.3 | 3.7max. |

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)                                                    | 5.7±0.3         |
| W size(mm)                                                    | 5.4±0.3         |
| T size(mm)                                                    | 3.0 max.        |
| Size codeInch (mm)                                            | 0530            |
| Inductance(uH)                                                | 0.68            |
| DCR(mΩ) Typ.                                                  | 5.8             |
| DCR(mΩ) Max.                                                  | 6.5             |
| Isat(A) Typ.                                                  | 22              |
| Isat(A) Max.                                                  | 19.8            |
| Irms(A) Typ.                                                  | 14.5            |
| Irms(A) Max.                                                  | 13.8            |
| Q Value (Typ.)                                                | 40              |
| SRF[MHz] Typ.                                                 | 70              |
| Withstandvoltage(DC)                                          | 30VDC           |
| OperatingTemperaturerange(includingself-temperaturerising) °C | -40°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 1MHz/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

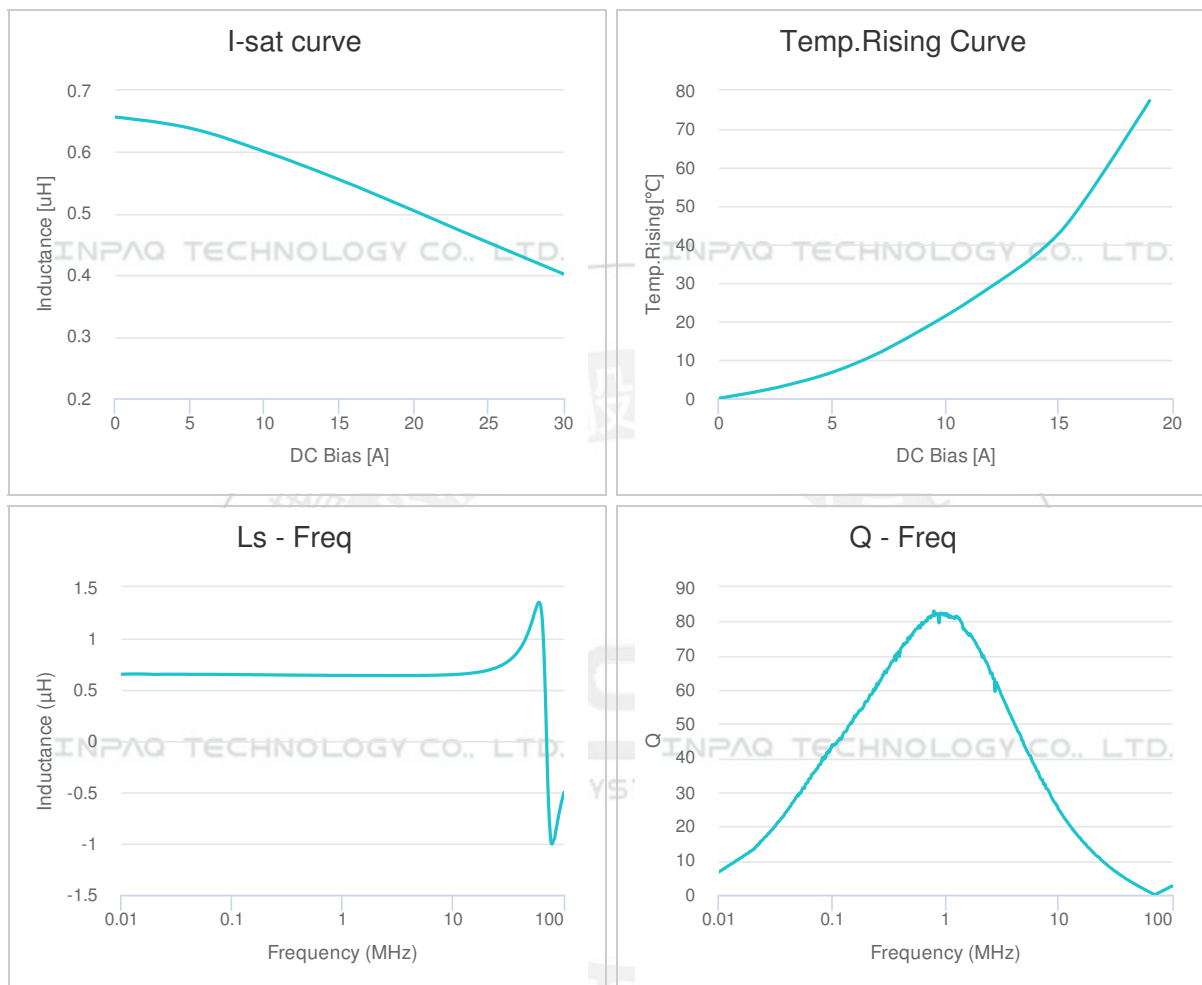
| Packing Reel(Inch) | Standard package quantity(KPCS) | Piece weight(gram) | MSL Level |
|--------------------|---------------------------------|--------------------|-----------|
| 13                 | 2                               | 0.543              | 1         |

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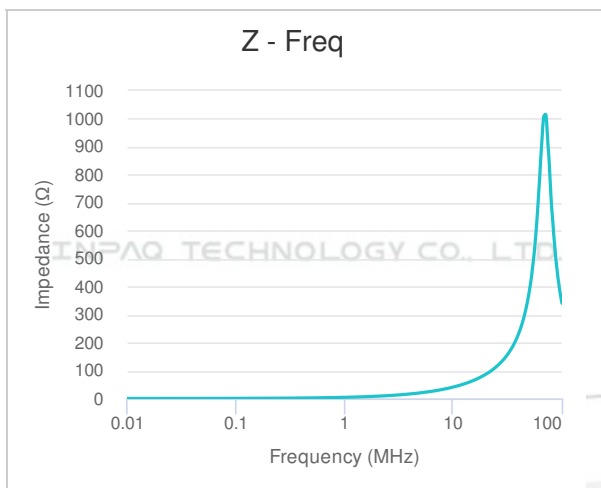
## Characteristic curve



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