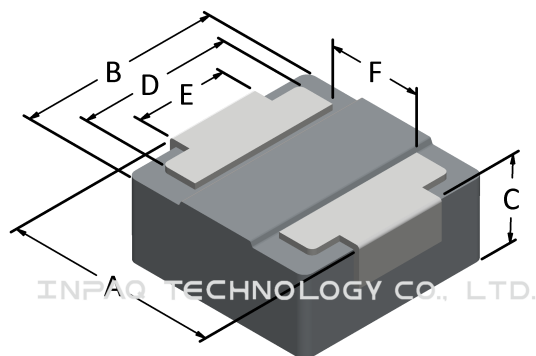


AIP0530GX-4R7MPB



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.

Page 1/5

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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 code(Inch (mm))	0530
Inductance(uH)	4.7
DCR(mΩ) Typ.	29.5
DCR(mΩ) Max.	35.5
Isat(A) Typ.	8.5
Isat(A) Max.	6.8
Irms(A) Typ.	5.9
Irms(A) Max.	5.6
Q Value (Typ.)	40
SRF[MHz] Typ.	21
Withstand voltage(DC)	30VDC
Operating Temperature range(including self-temperature rising) °C	-40°C to +125°C

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Page 2/5

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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

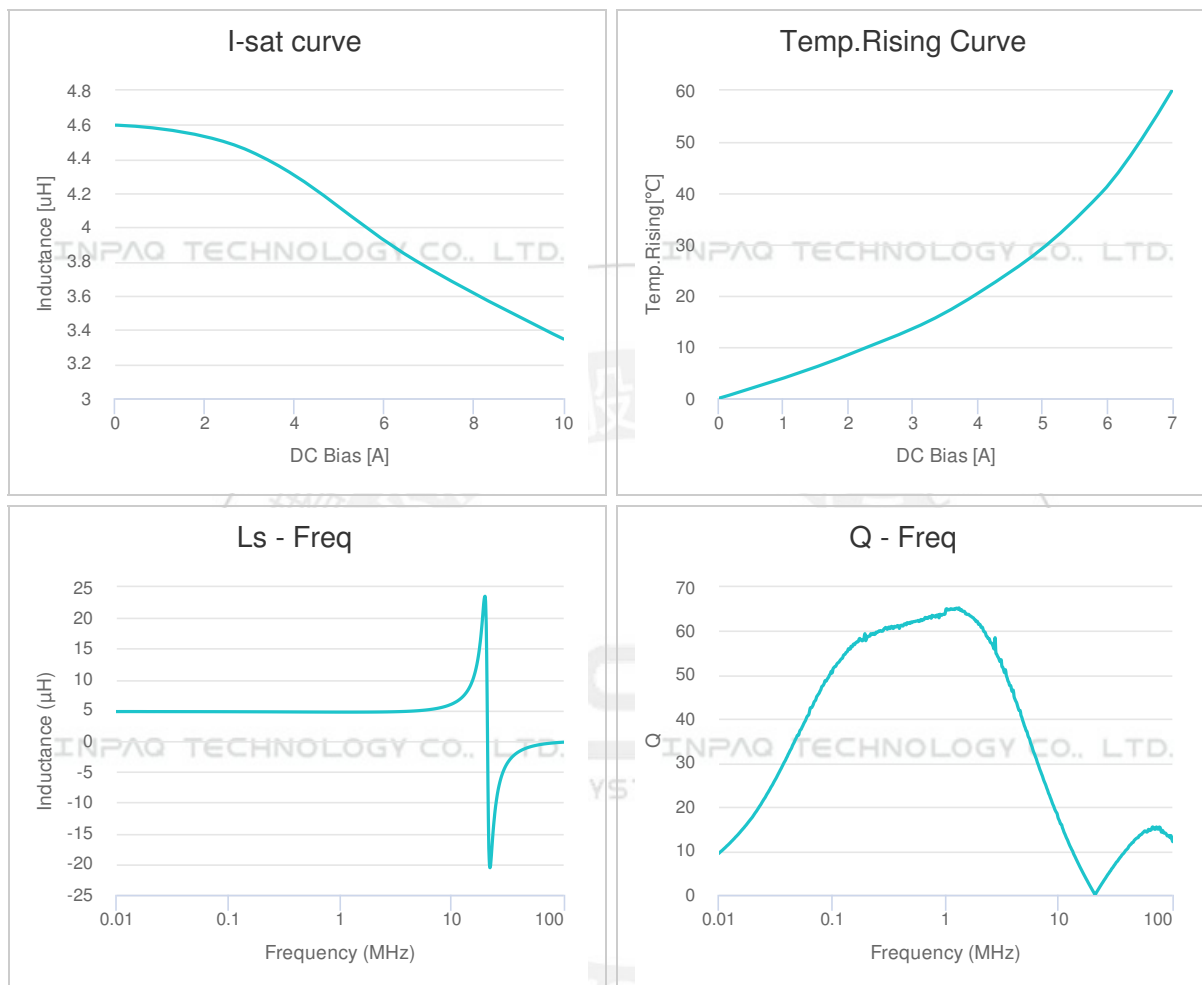
Packing Reel(Inch)	Standard package quantity(KPCS)	Piece weight(gram)	MSL Level
13	2	0.543	1

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Page 3/5

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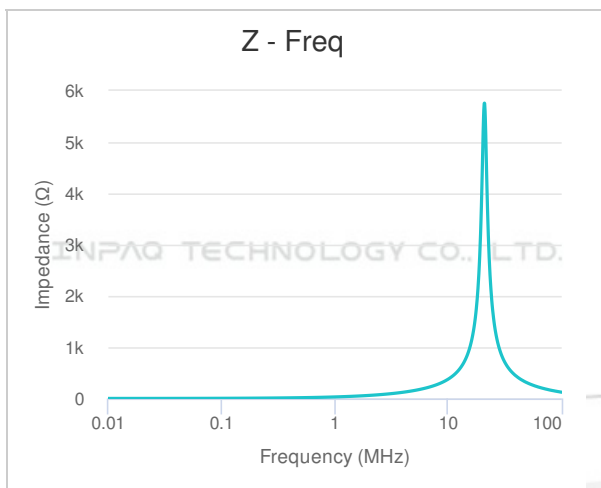
Characteristic curve



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Page 4/5

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Page 5/5

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