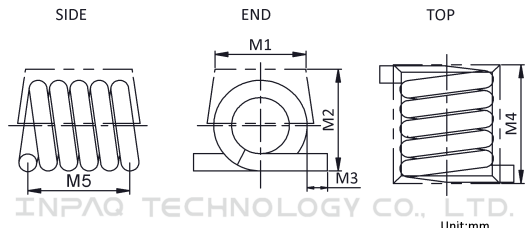
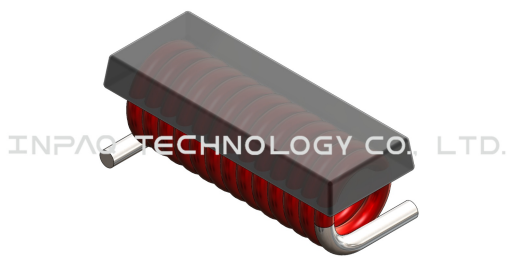


# LIA291B22N\_



## Appearance & Shape



Series	M1	M2	M3	M4	M5
LIA291B	3.05 MAX.	3.18 MAX.	0.58±0.38	6.86 MAX.	5.84±0.25

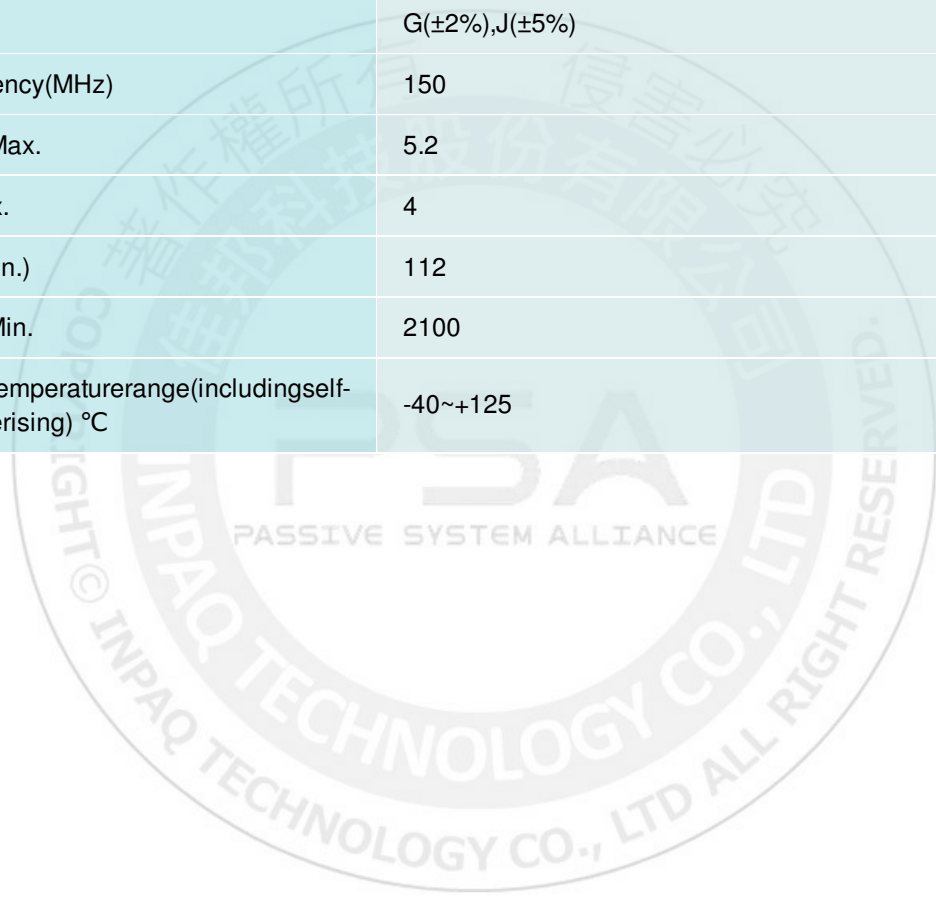
Unit:mm



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)	6.86(Max)
W size(mm)	3.05(Max)
T size(mm)	3.18(Max)
Inductance(nH)	22
Tolerance	G(±2%),J(±5%)
Test Frequency(MHz)	150
DCR(mΩ) Max.	5.2
Irms(A) Max.	4
Q Value (Min.)	112
SRF[MHz]Min.	2100
OperatingTemperature range(including self-temperature rising) °C	-40~+125



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## Notices

- 1.1. Inductance values from 17.5 nH to 43.0 nH (tolerances as low as 2%).
- 1.2. Tight tolerance can eliminate circuit tuning.
- 1.3. Flat top for mechanical stability and reliable pick and place operations.
- 1.4. Exceptionally high Q over a wide frequency range.
- 1.5. Highest possible self resonance (greater than 2.2 GHz).
- 1.6. Solder coated leads ensure reliable soldering.
- 1.7. High reliability tests comply with AEC-Q200.

## Packing

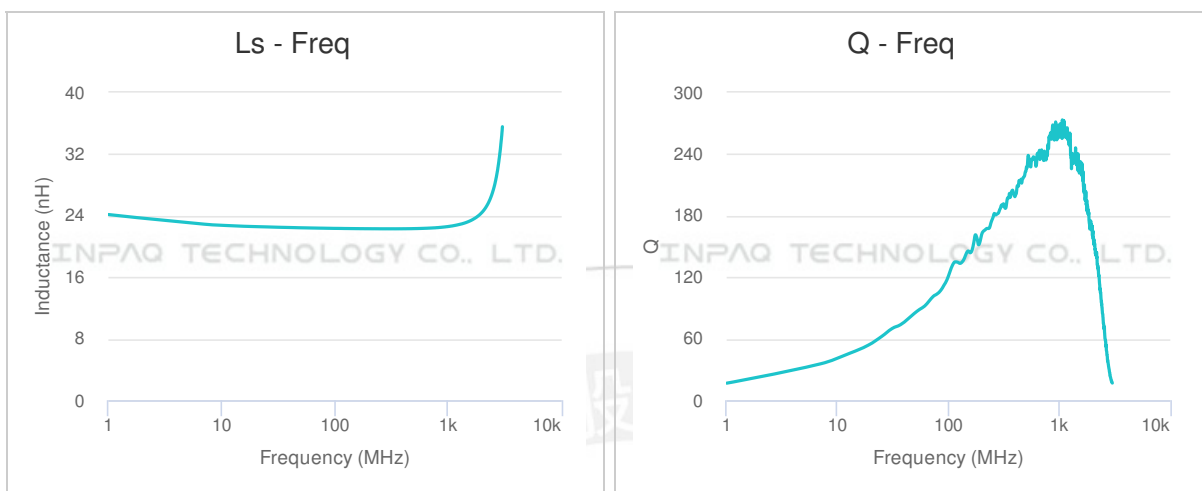
Packing Reel(Inch)	Carrier Tape	Standard package quantity(KPCS)	Piece weight(gram)	MSL Level
7	Plastic type	0.5	0.056	1

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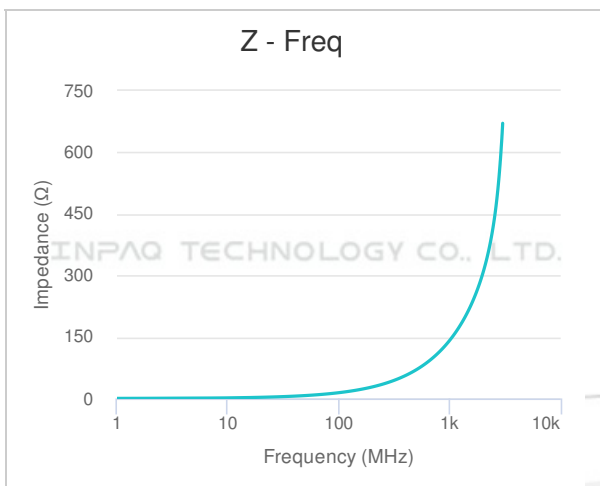
## Characteristic curve



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