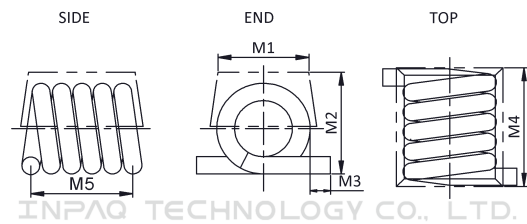
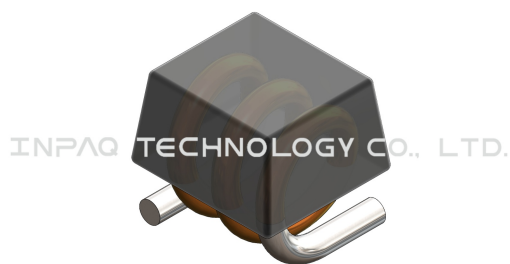


LIA291A18N_



Appearance & Shape



Series	M1	M2	M3	M4	M5
LIA291A	3.05 MAX.	3.18 MAX.	0.58±0.38	3.68 MAX.	2.92±0.25

Unit:mm

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

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Specification

L size(mm)	3.68(Max)
W size(mm)	3.05(Max)
T size(mm)	3.18(Max)
Inductance(nH)	18.5
Tolerance	G(±2%),J(±5%)
Test Frequency(MHz)	150
DCR(mΩ) Max.	3.9
I _{rms} (A) Max.	4
Q Value (Min.)	132
SRF[MHz]Min.	2500
OperatingTemperature range(including self-temperature rising) °C	-40~+125

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Notices

- 1.1. Inductance values from 2.5 nH to 18.5nH (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 12.5 GHz).
- 1.6. Solder coated leads ensure reliable soldering.
- 1.7. High reliability tests comply with AEC-Q200.

Packing

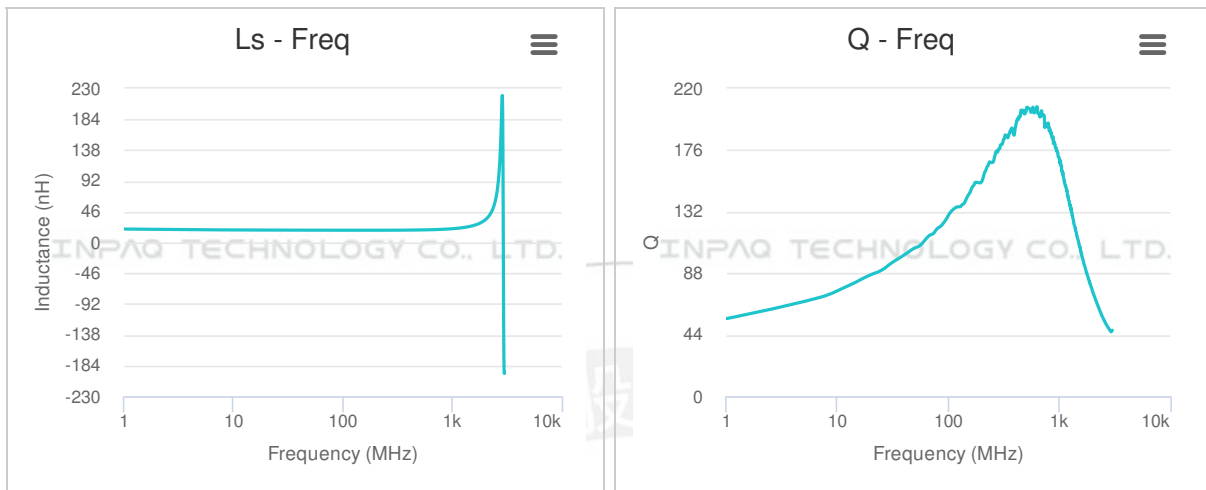
PackingReel(Inch)	Carrier Tape	Standard package quantity(KPCS)	Piece weight(gram)	MSL Level
7	Plastic type	0.5	0.028	1

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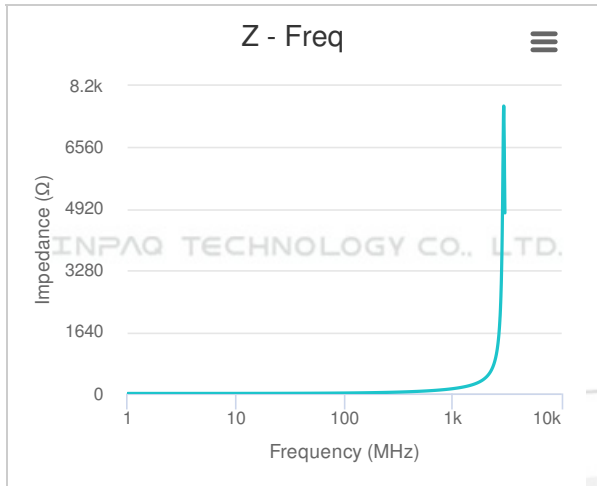
Characteristic curve



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