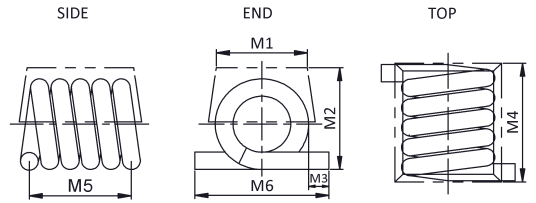
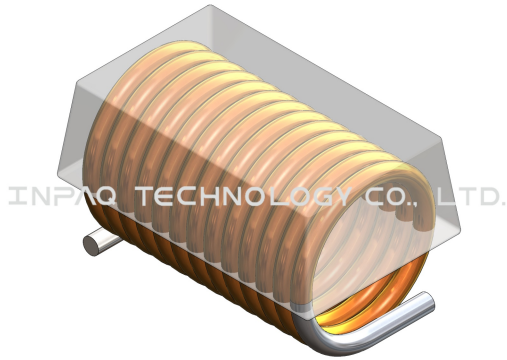


LIA294AR42_



Appearance & Shape



INPAQ TECHNOLOGY CO., LTD. Unit:mm

Series	M1	M2	M3	M4	M5	M6
LIA294A	6.35 MAX.	5.9 MAX.	1.02±0.39	10.55 MAX.	7.98±0.51	7.12 MAX.



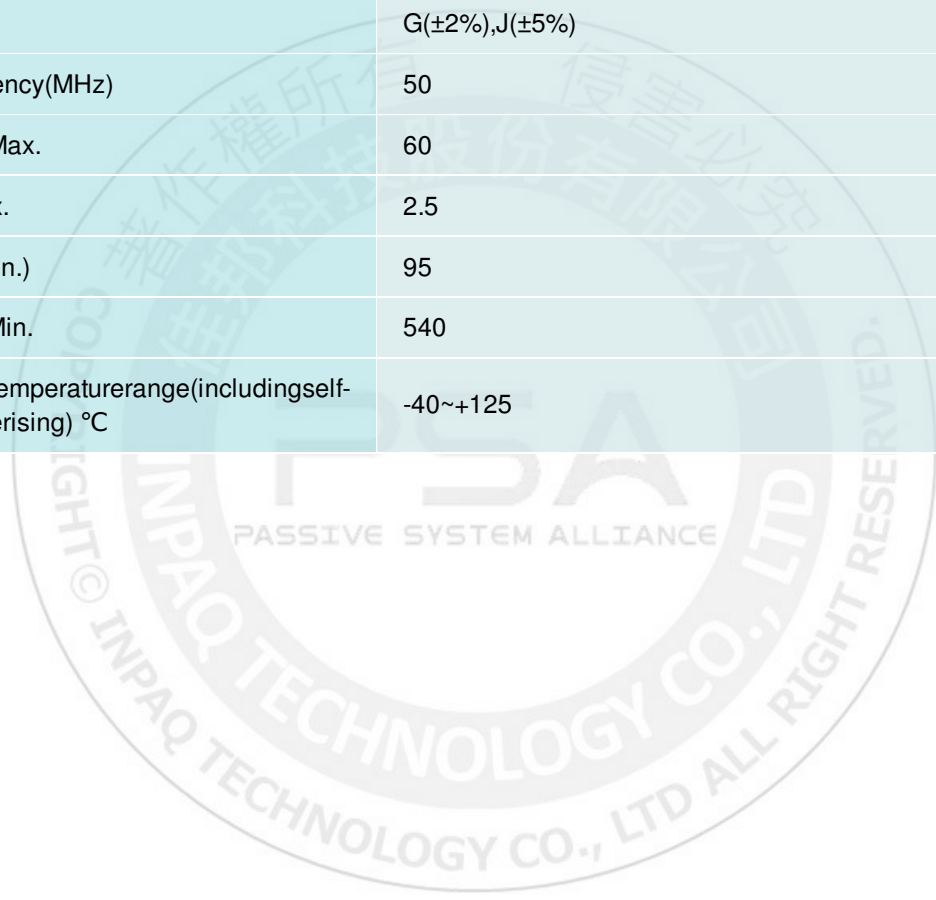
注意 NOTICE: All Specifications are subject to change without notice.

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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)	10.55(Max)
W size(mm)	6.35(Max)
T size(mm)	5.9(Max)
Inductance(nH)	422
Tolerance	G(±2%),J(±5%)
Test Frequency(MHz)	50
DCR(mΩ) Max.	60
I _{rms} (A) Max.	2.5
Q Value (Min.)	95
SRF[MHz]Min.	540
Operating Temperature range (including self-temperature rising) °C	-40~+125



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Notices

- 1.1. Inductance values from 90 nH to 538 nH.
- 1.2. Exceptionally high Q even at low frequencies.
- 1.3. Handle up to 3.5 Amps current.
- 1.4. Tight tolerance (as low as $\pm 2\%$) can eliminate circuit tuning.
- 1.5. Flat top case for mechanical stability and reliable pick and place operations.
- 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
13	Plastic type	1	0.37	1

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