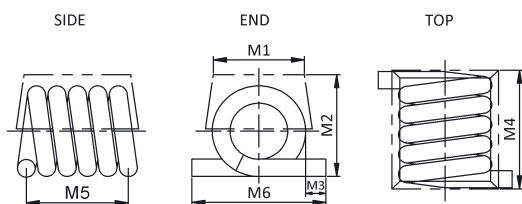
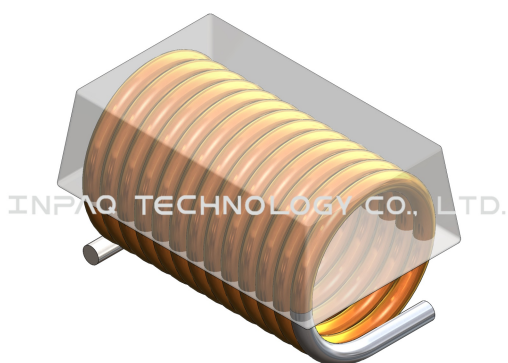


# LIA294AR20\_



## 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.

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)                                                        | 10.55(Max)                    |
| W size(mm)                                                        | 6.35(Max)                     |
| T size(mm)                                                        | 5.9(Max)                      |
| Inductance(nH)                                                    | 206                           |
| Tolerance                                                         | G( $\pm 2\%$ ),J( $\pm 5\%$ ) |
| Test Frequency(MHz)                                               | 50                            |
| DCR(m $\Omega$ ) Max.                                             | 30                            |
| I <sub>rms</sub> (A) Max.                                         | 3                             |
| Q Value (Min.)                                                    | 95                            |
| SRF[MHz]Min.                                                      | 800                           |
| Operating Temperature range(including self-temperature rising) °C | -40~+125                      |

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Page 2/5

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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

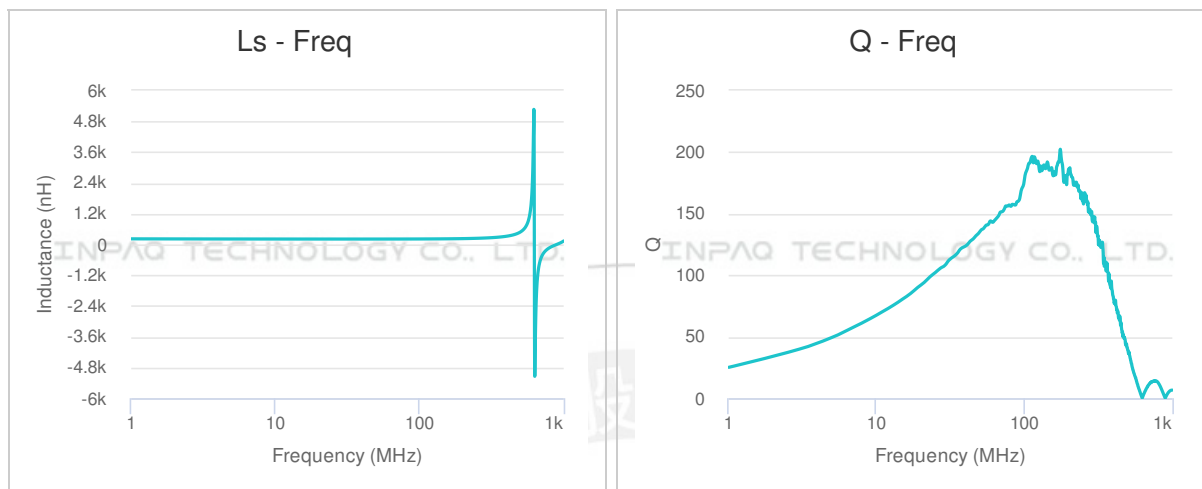
| Packing Reel(Inch) | Carrier Tape | Standard package quantity(KPCS) | Piece weight(gram) | MSL Level |
|--------------------|--------------|---------------------------------|--------------------|-----------|
| 13                 | Plastic type | 1                               | 0.37               | 1         |

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Page 3/5

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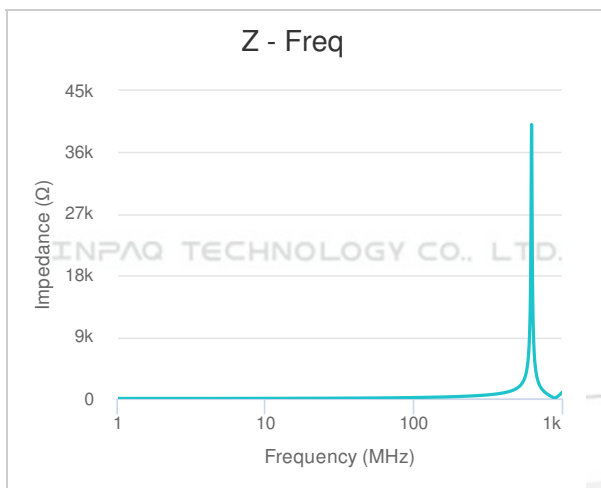
## Characteristic curve



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Page 4/5

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Page 5/5

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