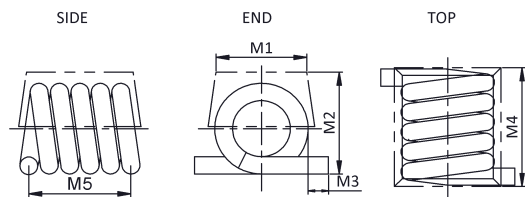
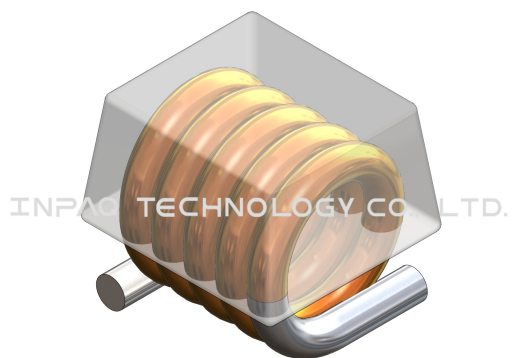


# LSI293AR10\_



## Appearance & Shape



INPAQ TECHNOLOGY CO., LTD.

| Series  | M1        | M2       | M3        | M4        | M5        |
|---------|-----------|----------|-----------|-----------|-----------|
| LSI293A | 3.81 MAX. | 4.2 MAX. | 1.53±0.39 | 4.83 MAX. | 4.32±0.39 |

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)                                                        | 4.83(Max)                                     |
| W size(mm)                                                        | 3.81(Max)                                     |
| T size(mm)                                                        | 4.2(Max)                                      |
| Inductance(nH)                                                    | 100                                           |
| Tolerance                                                         | G( $\pm 2\%$ ),J( $\pm 5\%$ ),K( $\pm 10\%$ ) |
| Test Frequency(MHz)                                               | 150                                           |
| DCR(m $\Omega$ ) Max.                                             | 12.3                                          |
| I <sub>rms</sub> (A) Max.                                         | 1.7                                           |
| Q Value (Min.)                                                    | 100                                           |
| SRF[MHz]Min.                                                      | 1200                                          |
| Operating Temperature range(including self-temperature rising) °C | -25~+125                                      |

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## Notices

- 1.1. Inductance values from 22 nH to 120 nH.
- 1.2. Exceptionally high Q even at low frequencies; Handles up to 3.5 Amps current.
- 1.3. Tight tolerance (as low as  $\pm 2\%$ ) can eliminate circuit tuning.
- 1.4. Flat top jacket for mechanical stability and reliable pick and place operations.
- 1.5. Solder coated leads ensure reliable soldering.

## Packing

| Packing Reel(Inch) | Carrier Tape | Standard package quantity(KPCS) | Piece weight(gram) | MSL Level |
|--------------------|--------------|---------------------------------|--------------------|-----------|
| 13                 | Plastic type | 1                               | 0.125              | 1         |

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