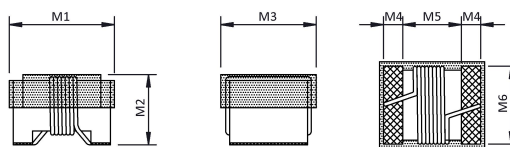
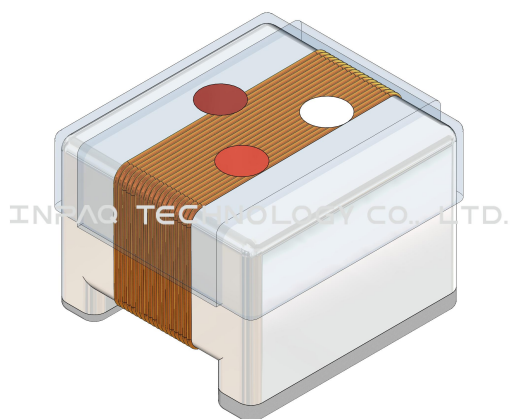


# WCA2520CPR18\_



## Appearance & Shape



INPAQ TECHNOLOGY CO., LTD.

| Series    | M1        | M2                 | M3                     | M4        | M5       | M6       |
|-----------|-----------|--------------------|------------------------|-----------|----------|----------|
| WCA2520CP | 2.92 MAX. | 5N6-R91<br>1R0-150 | 2.02 MAX.<br>2.10 MAX. | 2.79 MAX. | 0.50±0.1 | 1.43±0.1 |
|           |           |                    |                        |           |          | 2.00±0.1 |

Unit:mm

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

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## Specification

|                                                                   |                                               |
|-------------------------------------------------------------------|-----------------------------------------------|
| L size(mm)                                                        | 2.92(Max)                                     |
| W size(mm)                                                        | 2.79(Max)                                     |
| T size(mm)                                                        | 2.02(Max)                                     |
| Size code inch (mm)                                               | 1008/2520                                     |
| Inductance(nH)                                                    | 180                                           |
| Tolerance                                                         | G( $\pm 2\%$ ),J( $\pm 5\%$ ),K( $\pm 10\%$ ) |
| Test Frequency(MHz)                                               | 25                                            |
| DCR( $\Omega$ ) Max.                                              | 0.77                                          |
| I <sub>rms</sub> (mA) Max.                                        | 620                                           |
| Q Value (Min.)                                                    | 45                                            |
| SRF[MHz]Min.                                                      | 750                                           |
| Operating Temperature range(including self-temperature rising) °C | -40~+125                                      |

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## Notices

- 1.1. Ceramic core wire wound construction.
- 1.2. Wide range of inductance can be selected.
- 1.3. Inductance values from 10 to 15000 nH.
- 1.4. Exceptional Q and high SRF special for high frequency applications.
- 1.5. High reliability tests comply with AEC-Q200.

## Packing

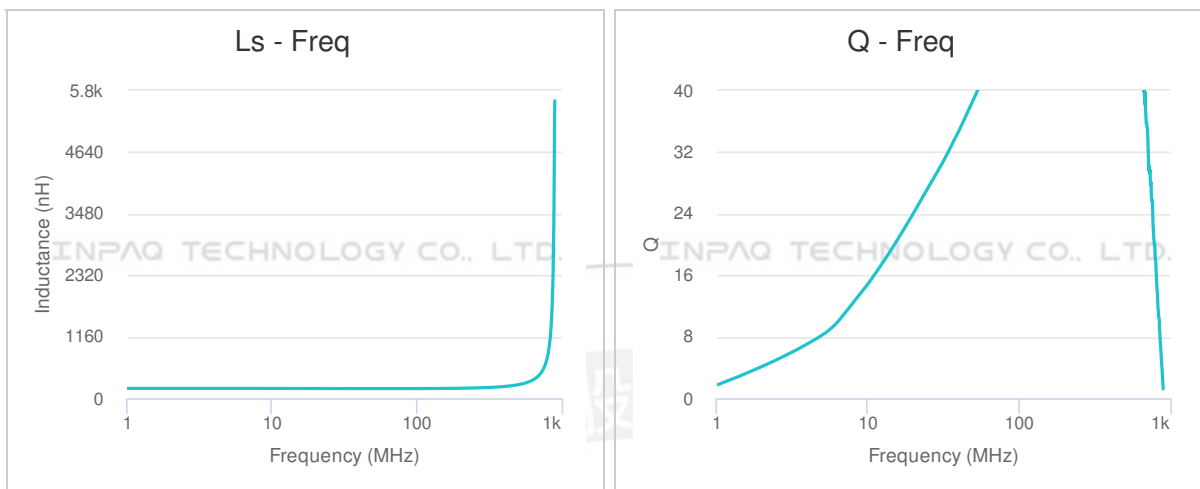
| Packing Reel(Inch) | Carrier Tape | Standard package quantity(KPCS) | Piece weight(gram) | MSL Level |
|--------------------|--------------|---------------------------------|--------------------|-----------|
| 7                  | Plastic type | 2                               | 0.0308             | 1         |

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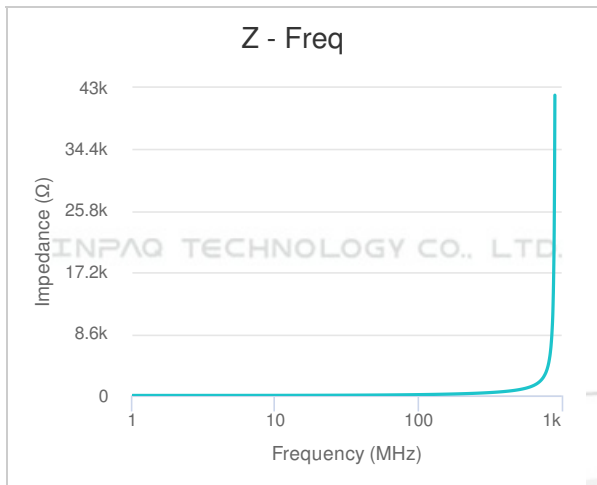
## Characteristic curve



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