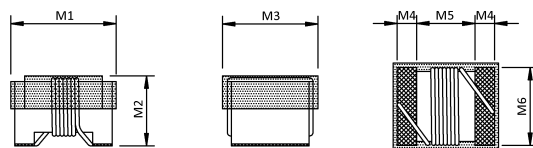
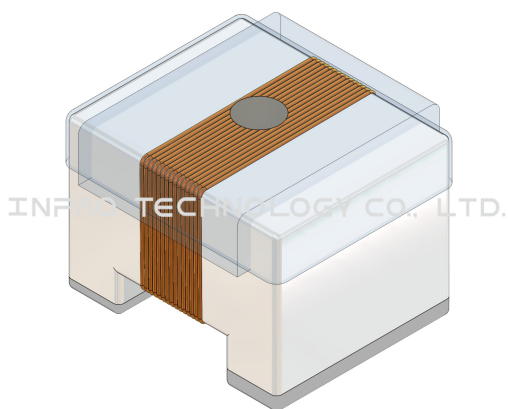


# WCI2012CP8N2\_



## Appearance & Shape



| Series    | M1        | M2        | M3        | M4      | M5       | M6       |
|-----------|-----------|-----------|-----------|---------|----------|----------|
| WCI2012CP | 2.29 MAX. | 1.52 MAX. | 1.73 MAX. | 0.5±0.1 | 1.03±0.1 | 1.27±0.1 |

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)                                                        | 2.29(Max)                                     |
| W size(mm)                                                        | 1.73(Max)                                     |
| T size(mm)                                                        | 1.52(Max)                                     |
| Size code inch (mm)                                               | 0805/2012                                     |
| Inductance(nH)                                                    | 8.2                                           |
| Tolerance                                                         | G( $\pm 2\%$ ),J( $\pm 5\%$ ),K( $\pm 10\%$ ) |
| Test Frequency(MHz)                                               | 250                                           |
| DCR( $\Omega$ ) Max.                                              | 0.12                                          |
| I <sub>rms</sub> (mA) Max.                                        | 600                                           |
| Q Value (Min.)                                                    | 50                                            |
| SRF[MHz]Min.                                                      | 4700                                          |
| Operating Temperature range(including self-temperature rising) °C | -25~+125                                      |

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## Notices

- 1.1. Ceramic core wire wound construction.
- 1.2. Excellent inductance accuracy.
- 1.3. Inductance values from 2.2 to 1000 nH.
- 1.4. Exceptional Q and high SRF special for high frequency applications.

## Packing

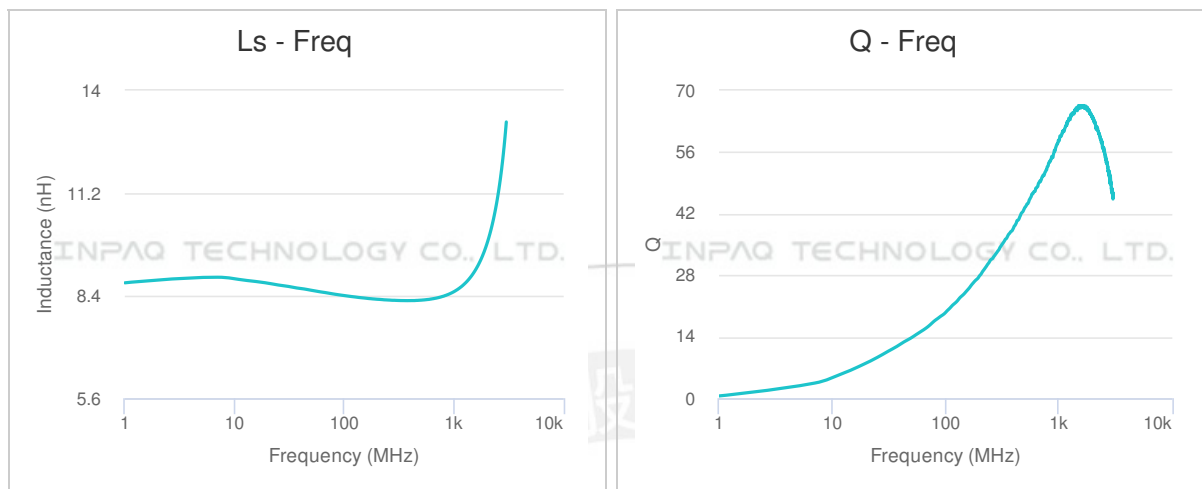
| Packing Reel(Inch) | Carrier Tape | Standard package quantity(KPCS) | Piece weight(gram) | MSL Level |
|--------------------|--------------|---------------------------------|--------------------|-----------|
| 7                  | Plastic type | 3                               | 0.0105             | 1         |

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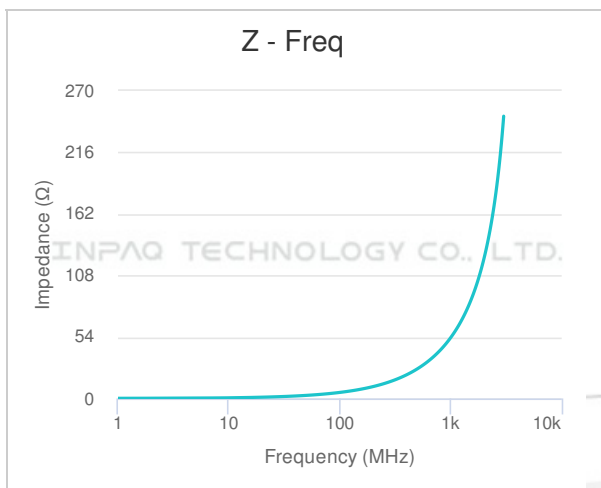
## Characteristic curve



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