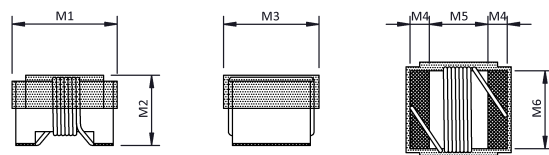
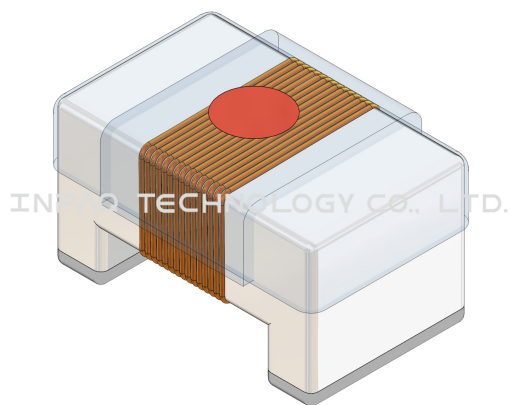


# WCI1608CP5N1\_



## Appearance & Shape



INPAQ TECHNOLOGY CO., LTD.

| Series    | M1       | M2        | M3        | M4       | M5       | M6       |
|-----------|----------|-----------|-----------|----------|----------|----------|
| WCI1608CP | 1.8 MAX. | 1.02 MAX. | 1.12 MAX. | 0.28±0.1 | 0.96±0.1 | 0.76±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)                                                        | 1.8(Max)                       |
| W size(mm)                                                        | 1.12(Max)                      |
| T size(mm)                                                        | 1.02(Max)                      |
| Size code inch (mm)                                               | 0603/1608                      |
| Inductance(nH)                                                    | 5.1                            |
| Tolerance                                                         | J( $\pm 5\%$ ),K( $\pm 10\%$ ) |
| Test Frequency(MHz)                                               | 250                            |
| DCR( $\Omega$ ) Max.                                              | 0.14                           |
| Irms(mA) Max.                                                     | 700                            |
| Q Value (Min.)                                                    | 20                             |
| SRF[MHz]Min.                                                      | 5700                           |
| 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 1.6 to 470 nH.
- 1.4. Exceptional Q and high SRF special for high frequency applications.

## Packing

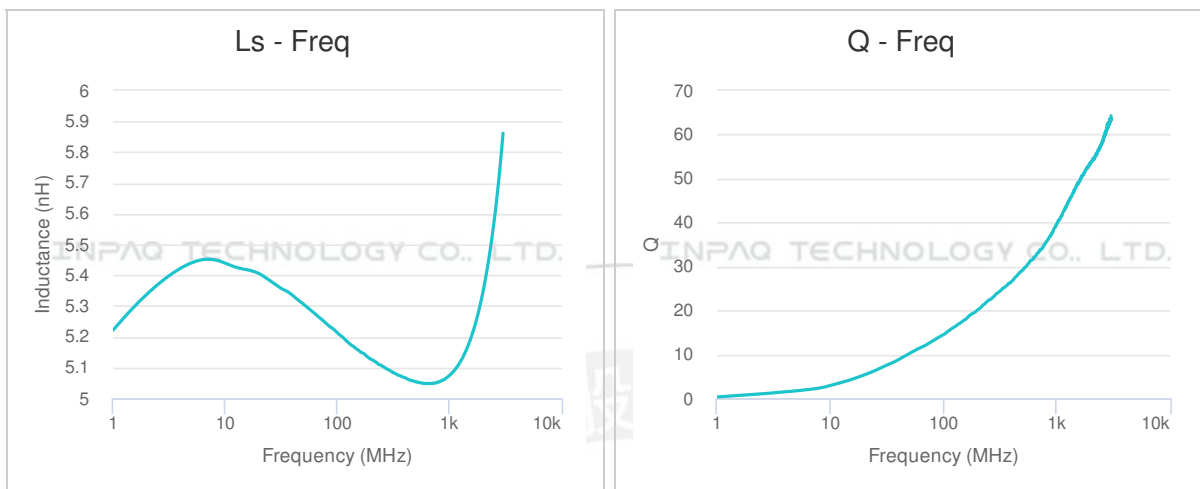
| Packing Reel(Inch) | Carrier Tape | Standard package quantity(KPCS) | Piece weight(gram) | MSL Level |
|--------------------|--------------|---------------------------------|--------------------|-----------|
| 7                  | Plastic type | 4                               | 0.00344            | 1         |

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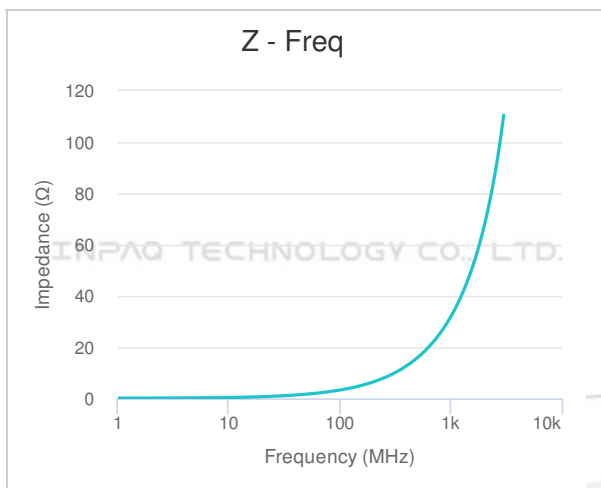
## Characteristic curve



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