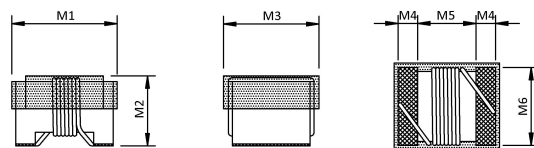
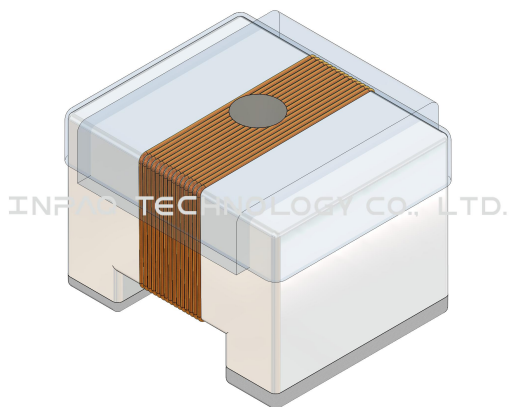


# WCA2012CP6N8\_



## Appearance & Shape



| Series    | M1        | M2        | M3        | M4      | M5       | M6       |
|-----------|-----------|-----------|-----------|---------|----------|----------|
| WCA2012CP | 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)                                                   | 6.8            |
| Tolerance                                                        | J(±5%),K(±10%) |
| Test Frequency(MHz)                                              | 250            |
| DCR(Ω) Max.                                                      | 0.11           |
| Irms(mA) Max.                                                    | 600            |
| Q Value (Min.)                                                   | 50             |
| SRF[MHz]Min.                                                     | 5500           |
| OperatingTemperature range(including self-temperature rising) °C | -40~+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 1500 nH.
- 1.4. Exceptional Q and high SRF special for high frequency applications.
- 1.5. High reliability tests comply with AEC-Q200.

## Packing

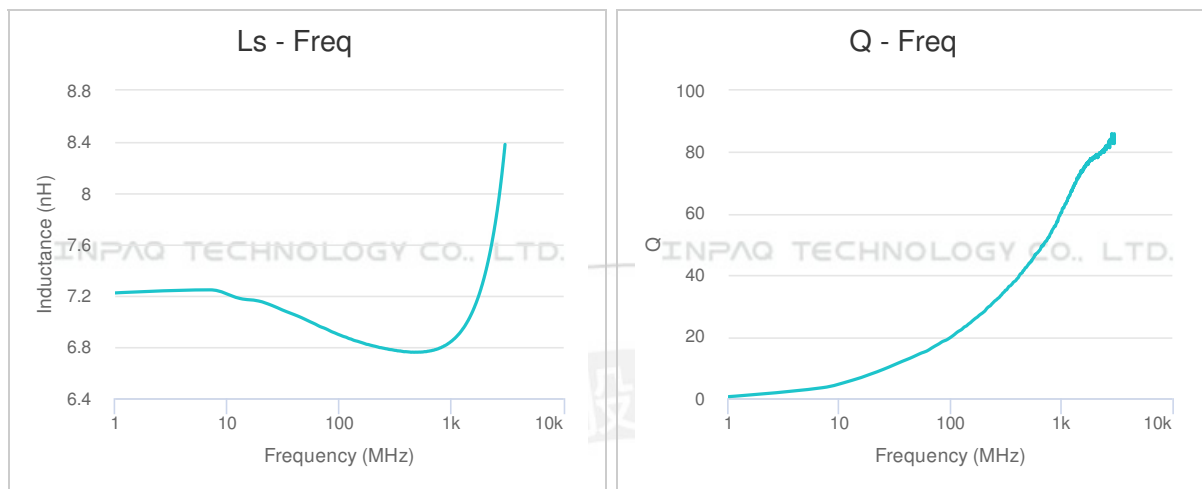
| Packing Reel(Inch) | Carrier Tape | Standard package quantity(KPCS) | Piece weight(gram) | MSL Level |
|--------------------|--------------|---------------------------------|--------------------|-----------|
| 7                  | Plastic type | 3                               | 0.0105            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

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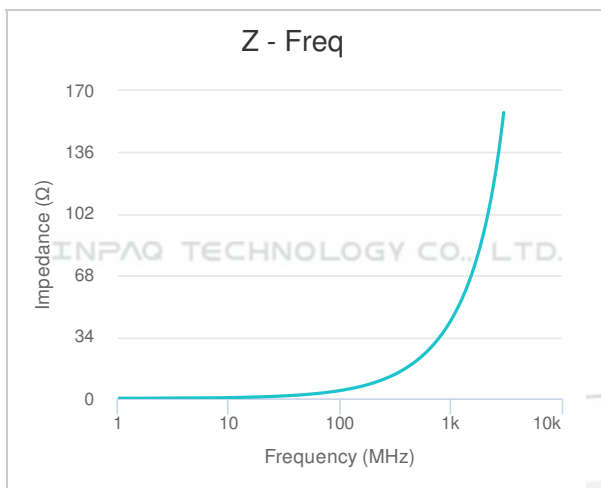
## Characteristic curve



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