

# WCA1608CPR47\_



## Appearance & Shape



INPAQ TECHNOLOGY CO., LTD.

| Series    | M1       | M2        | M3        | M4       | M5       | M6       |
|-----------|----------|-----------|-----------|----------|----------|----------|
| WCA1608CP | 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)                                                    | 470                           |
| Tolerance                                                         | G( $\pm 2\%$ ),J( $\pm 5\%$ ) |
| Test Frequency(MHz)                                               | 100                           |
| DCR( $\Omega$ ) Max.                                              | 3.6                           |
| Irms(mA) Max.                                                     | 80                            |
| Q Value (Min.)                                                    | 25                            |
| SRF[MHz]Min.                                                      | 600                           |
| Operating Temperature 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 1.6 to 470 nH.
- 1.4. Exceptional Q and high SRF special for high frequency applications.
- 1.5. High reliability tests comply with AEC-Q200.

## Packing

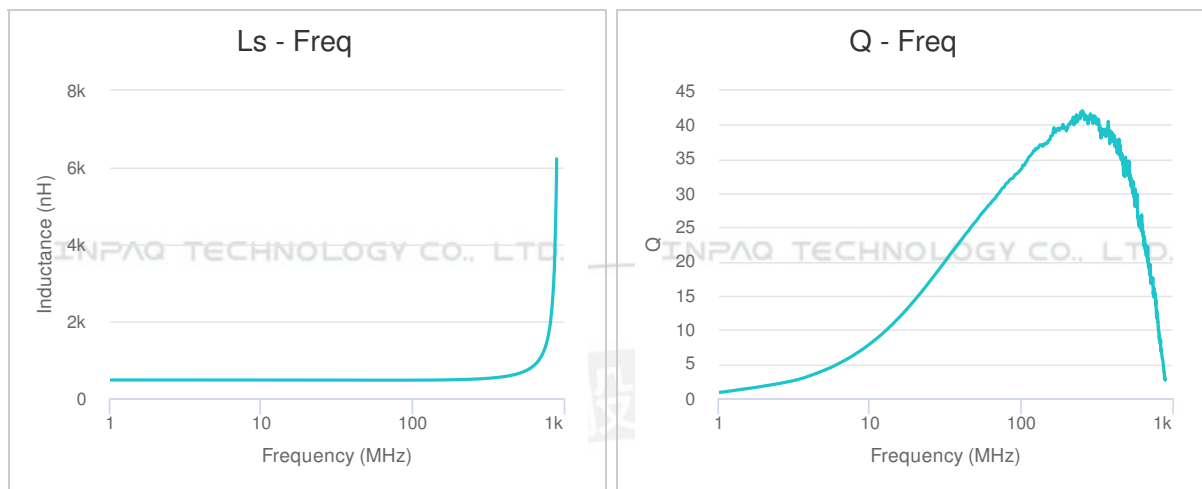
| Packing Reel(Inch) | Carrier Tape | Standard package quantity(KPCS) | Piece weight(gram) | MSL Level |
|--------------------|--------------|---------------------------------|--------------------|-----------|
| 7                  | Plastic type | 4                               | 0.00344           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

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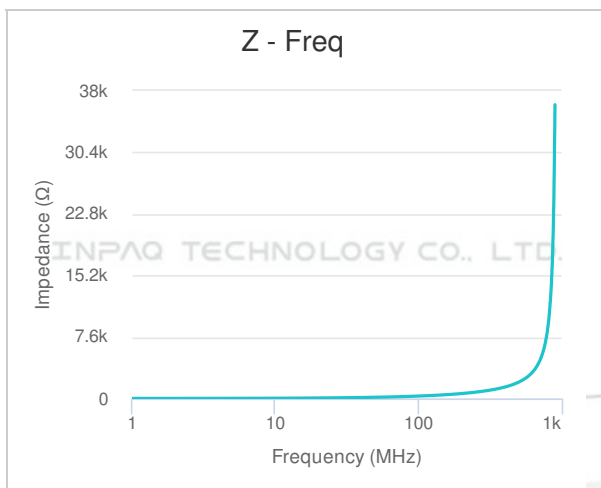
## Characteristic curve



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