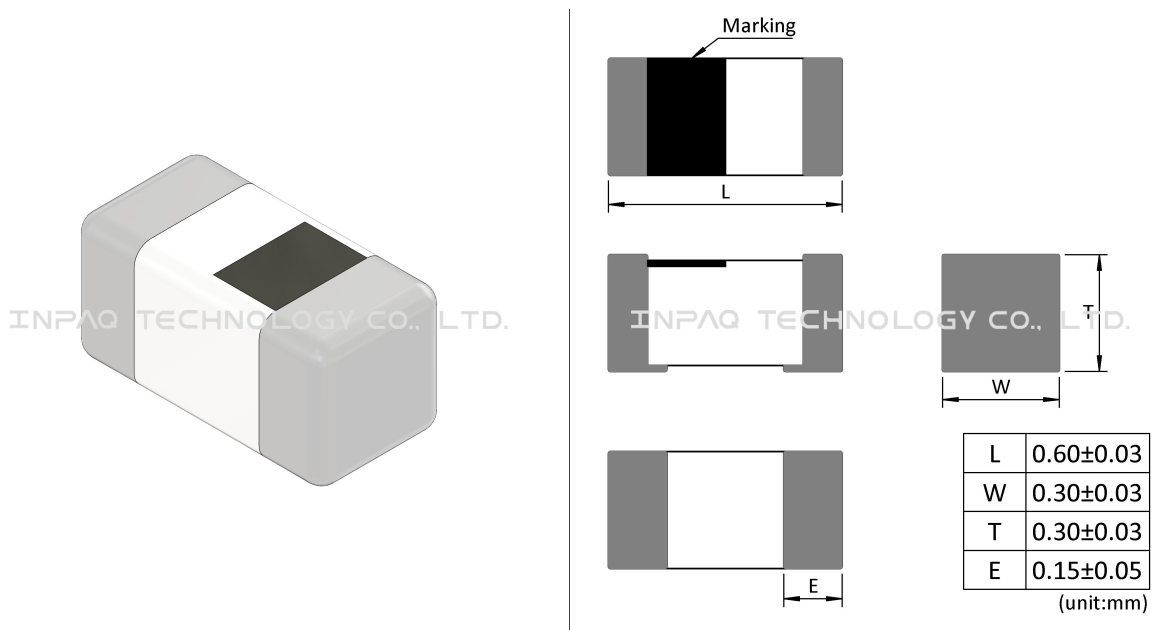


# MCI0603MZ3N1\_HBP



## Appearance & Shape



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)                                                        | 0.6±0.03                        |
| W size(mm)                                                        | 0.3±0.03                        |
| T size(mm)                                                        | 0.3±0.03                        |
| Size code Inch(mm)                                                | 0201(0603)                      |
| Inductance(nH)                                                    | 3.1                             |
| Tolerance                                                         | B(±0.1nH), C(±0.2nH), S(±0.3nH) |
| Test Frequency(MHz)                                               | 500                             |
| DCR(Ω) Max.                                                       | 0.25                            |
| I <sub>rms</sub> (mA) Max.                                        | 450                             |
| Q Value (Min.)                                                    | 14                              |
| SRF(MHz) Min.                                                     | 8000                            |
| Operating Temperature range(including self-temperature rising) °C | -55~+125                        |

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## Notices

- Particular ceramic material and coil structure provide high frequency application range up to 20GHz.
- Small size and low profile.
- Excellent solderability and heat resistance.

## Packing

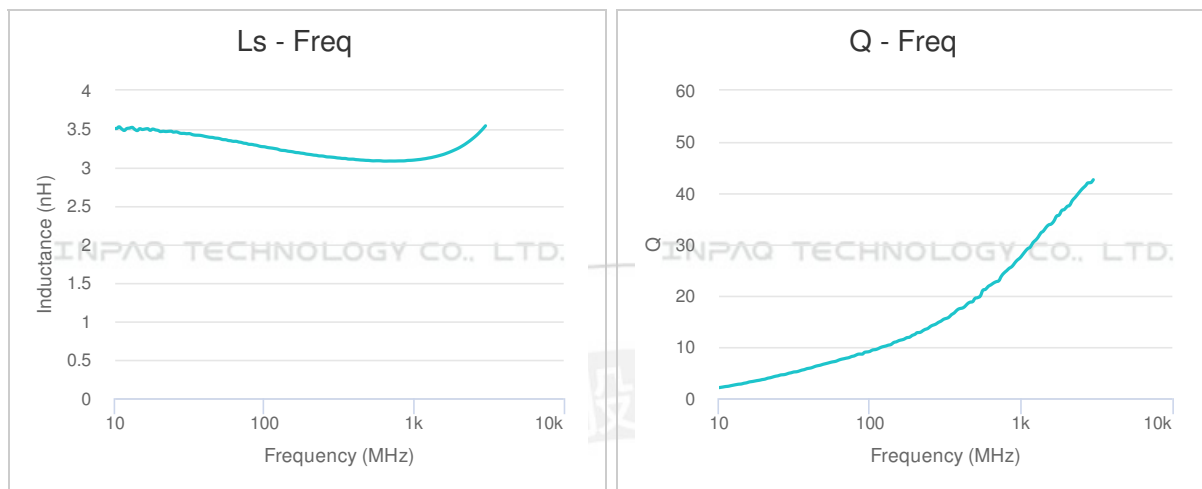
| Packing Reel(Inch) | Packaging type | Standard package quantity(PCS) | Piece weight(gram) | MSL Level |
|--------------------|----------------|--------------------------------|--------------------|-----------|
| 7                  | Paper type     | 15000                          | 0.000183           | 1         |

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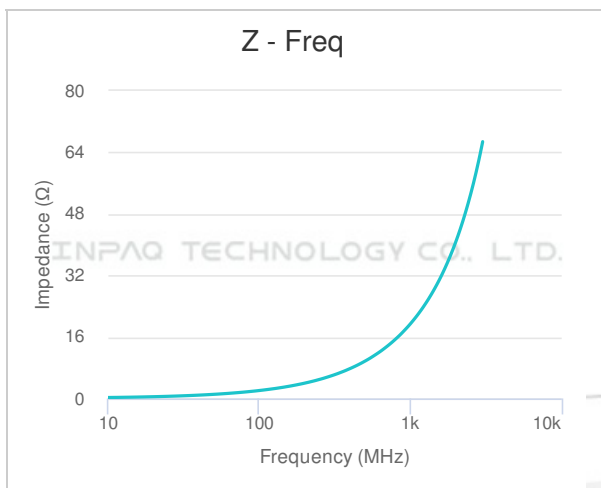
## Characteristic curve



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