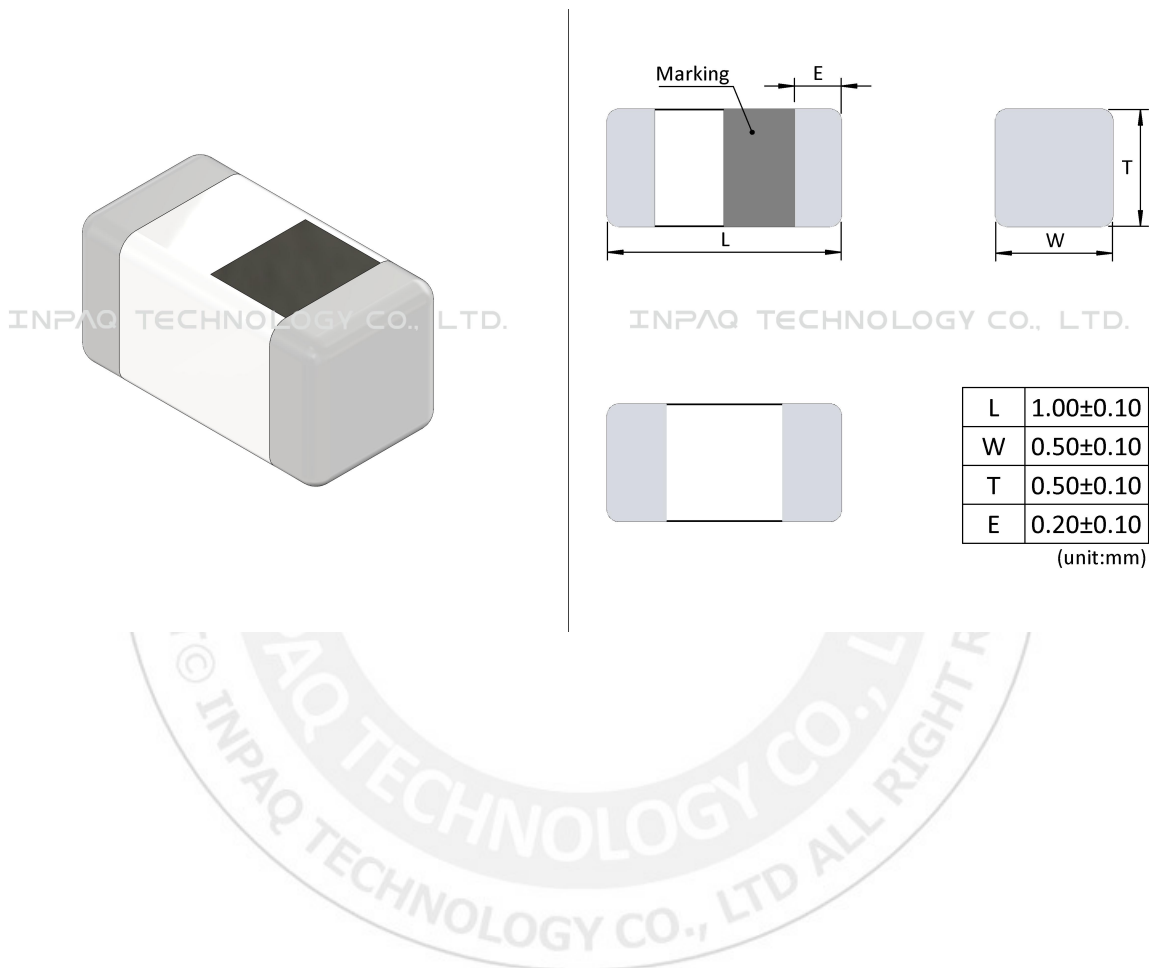


# MCI1005HQ0N7\_HBP



## 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)                                                        | 1.0±0.10   |
| W size(mm)                                                        | 0.5±0.10   |
| T size(mm)                                                        | 0.5±0.10   |
| Size code Inch(mm)                                                | 0402(1005) |
| Inductance(nH)                                                    | 0.7        |
| Tolerance                                                         | B(±0.1nH)  |
| Test Frequency(MHz)                                               | 100        |
| DCR(Ω) Max.                                                       | 0.08       |
| I <sub>rms</sub> (mA) Max.                                        | 1000       |
| Q Value (Min.)                                                    | 8          |
| SRF(MHz) Min.                                                     | 10000      |
| 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 10GHz.
- Small size and low profile.
- Available in various sizes.
- Excellent solderability and heat resistance.

## Packing

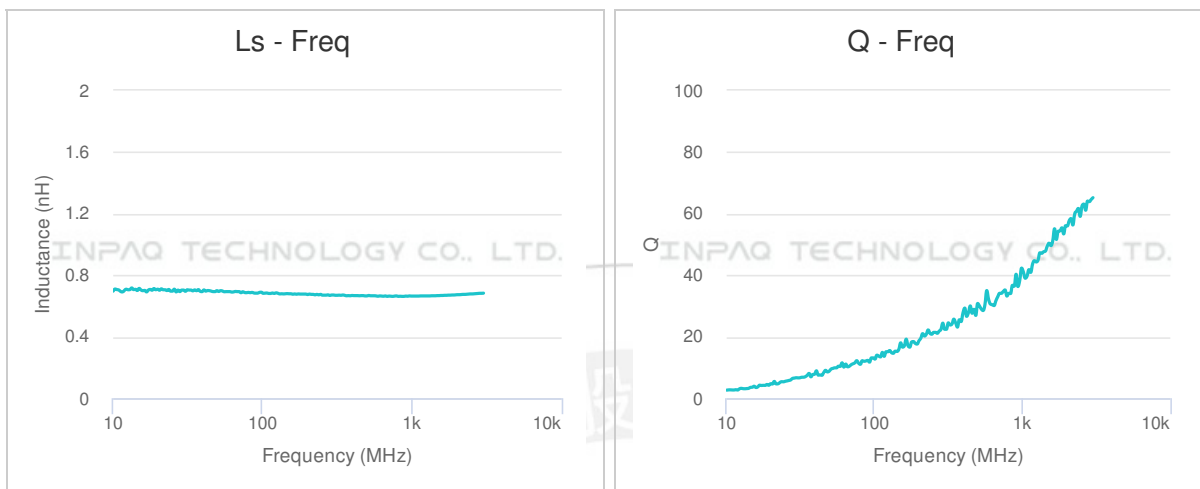
| Packing Reel(Inch) | Packaging type | Standard package quantity(PCS) | Piece weight(gram) | MSL Level |
|--------------------|----------------|--------------------------------|--------------------|-----------|
| 7                  | Paper type     | 10000                          | 0.000751           | 1         |

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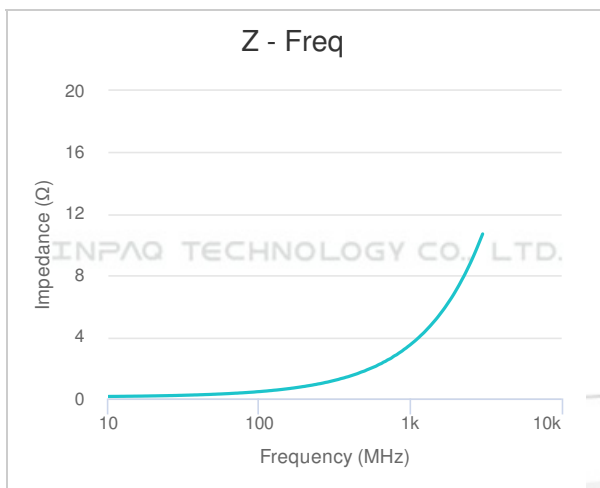
## Characteristic curve



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