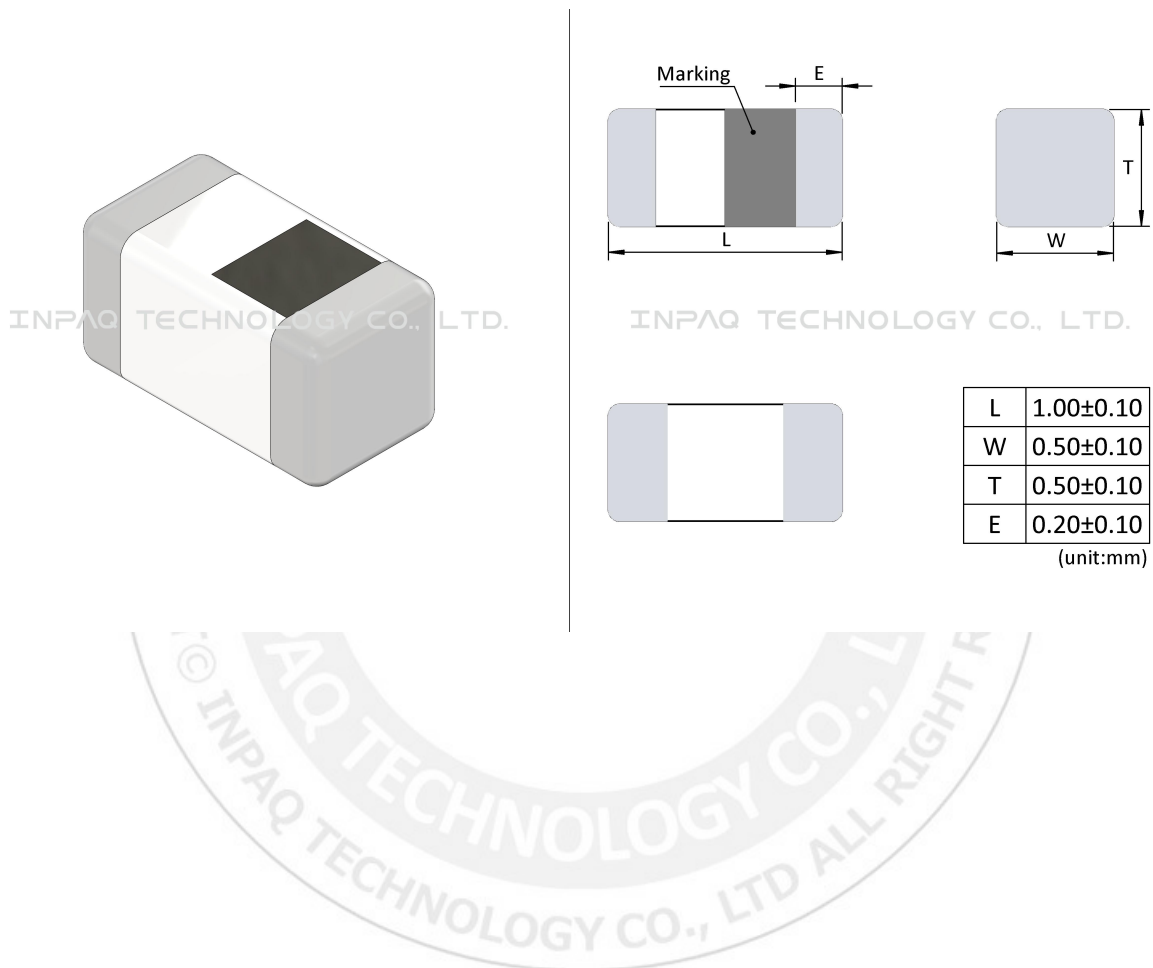


# MCI1005HQ12N\_HBP



## 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)                                                    | 12                     |
| Tolerance                                                         | G(±2%), H(±3%), J(±5%) |
| Test Frequency(MHz)                                               | 100                    |
| DCR(Ω) Max.                                                       | 0.45                   |
| Irms(mA) Max.                                                     | 400                    |
| Q Value (Min.)                                                    | 8                      |
| SRF(MHz) Min.                                                     | 3000                   |
| 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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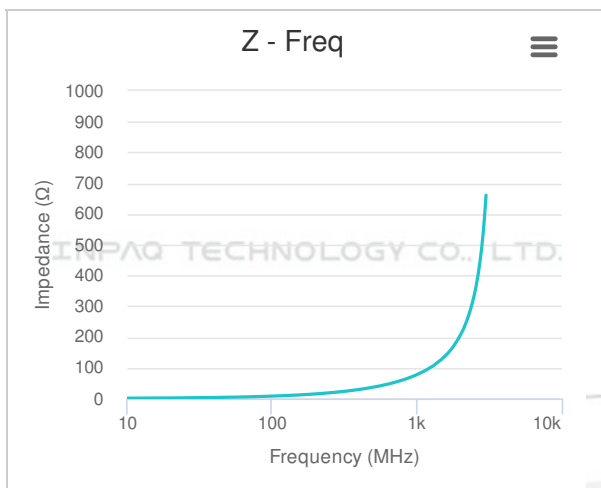
## Characteristic curve



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