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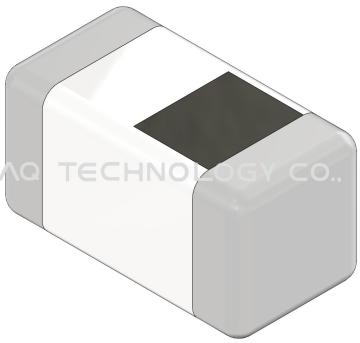
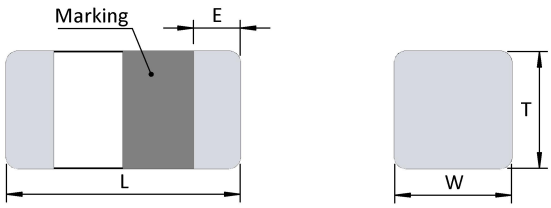
# MCI1005HZ47N_HBP

AEC-Q200 ROHS HF

## Appearance & Shape





| | |
|---|---|
| L | 1.00±0.10 |
| W | 0.50±0.10 |
| T | 0.50±0.10 |
| E | 0.20±0.10 |

(unit:mm)

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## 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) | 47 |
| Tolerance | G(±2%), H(±3%), J(±5%) |
| Test Frequency(MHz) | 100 |
| DCR(Ω) Max. | 1.1 |
| Irms(mA) Max. | 200 |
| Q Value (Min.) | 8 |
| SRF(MHz) Min. | 1100 |
| Operating Temperaturerange(includingself-temperaturerising) ℃ | -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 | 0.00069 | 1 |


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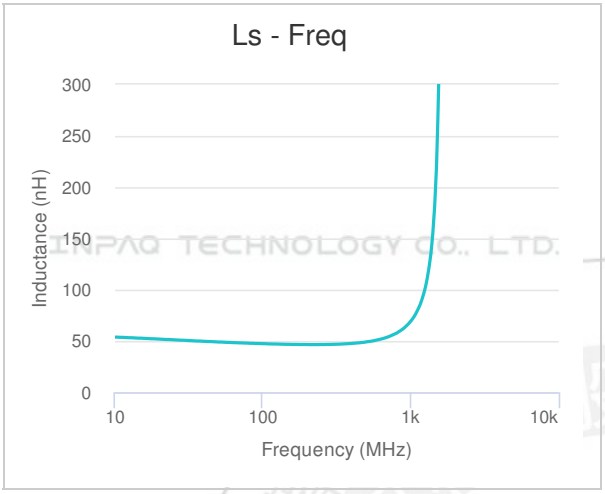
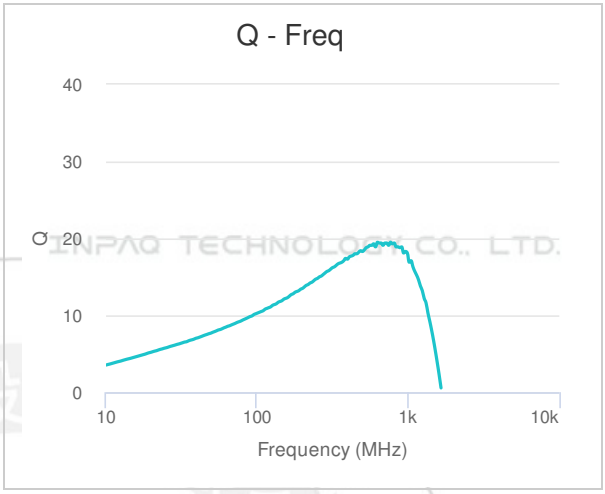
## Characteristic curve

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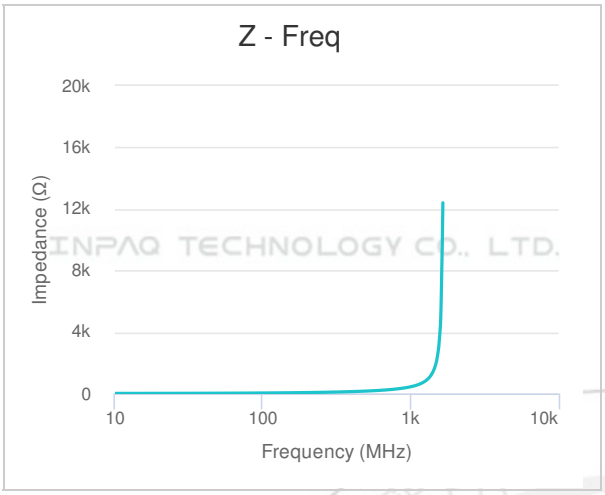


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