# LQP02TN0N7C02#

"#"at the end indicates the package specification code.

Size Code 0402 (01005) in mm (in inch)

In Production | RoHS | REACH | 125 ℃max. | Film | Reflow OK

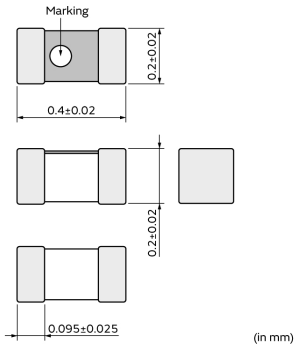
## < List of part numbers with package codes >

LQP02TN0N7C02B LQP02TN0N7C02D LQP02TN0N7C02L

## Applications

| | |
|---|---|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
| Specific Applications | Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment<br>Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product. |
| Recommended Applications | Consumer equipment |

## Appearance & Shape



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## References

| Packaging | Specifications | Standard Packing Quantity |
|---|---|---|
| B | Bulk(Bag) | 500 |
| D | 180mm Paper Tape | 20000 |
| L | 180Embossed Tape | 40000 |

| Mass (typ.) | |
|---|---|
| 1 piece | 0.05mg |

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## Specifications

| | |
|---|---|
| L size | 0.4±0.02mm |
| W size | 0.2±0.02mm |
| T size | 0.2±0.02mm |
| Size code inch (mm) | 01005 (0402) |
| Inductance | 0.7nH±0.2nH |
| Inductance Test Frequency | 500MHz |
| Rated current (Itemp)<br>(Based on Temperature rise) | 320mA |
| Max. of DC resistance | 0.5Ω |
| Operating Temperature Range(Self-temperature rise is not included) | -55℃ to 125℃ |
| Class of magnetic shield | Non-Shielded |
| Q(min.) | 8 |
| Q Test Frequency | 500MHz |
| Self resonance frequency (min.) | 16500MHz |
| Brand | Murata |
| Series | LQP02TN_02 |

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## Characteristic Data

The charts below may show another part number which shares its characteristics.