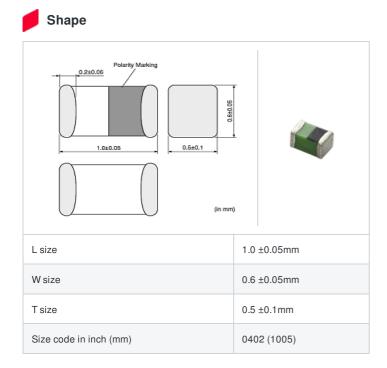
muRata Inductor Data Sheet



Power-train AEC-0200 Cmax. RoHS REACH In Production

< List of part numbers with package codes >

LQG15WH3N0S02D , LQG15WH3N0S02J , LQG15WH3N0S02B



| References |
|------------|
| neicicici |

| Packaging code | Specifications | Minimum quantity |
|-------------------|---------------------|------------------|
| D | φ180mm Paper taping | 10000 |
| J | ф330mm Paper taping | 40000 |
| В | Packing in bulk | 100 |

| | Mass (Typ.) | |
|---------|-------------|--------|
| 1 piece | | 0.001g |

Specifications

| Inductance | 3.0nH ±0.3nH |
|---|--------------|
| Inductance test frequency | 100MHz |
| Rated current (Itemp) (Based on Temperature rise) | 900mA |
| Max. of DC resistance | Ω80.0 |
| Q (min.) | 23 |
| Q test frequency | 250MHz |
| Self resonance frequency (min.) | 6000MHz |
| Operating temperature range (Self-temperature rise is not included) | -55~125°C |
| Series | LQG15WH_02 |

🔔 Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued

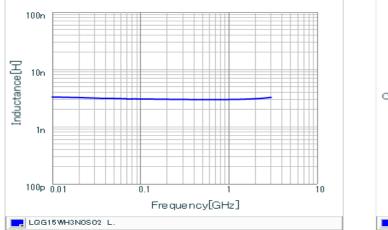
without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This datasheet has only typical specifications because there is no space for detailed specifications.

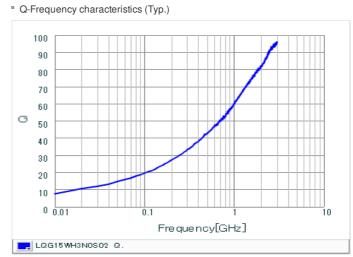
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)



Inductance-Frequency characteristics (Typ.)



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