

# LQG15WHR12G02#

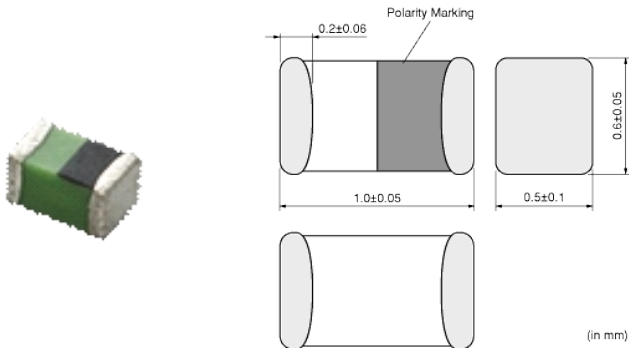
“#” indicates a package specification code.

Size Code 1005 (0402) in mm (in inch), Multilayer Type, High Q, Automotive available (Powertrain/Safety)



< List of part numbers with package codes >  
LQG15WHR12G02J LQG15WHR12G02B LQG15WHR12G02D

## Appearance & Shape



## References

| Packaging | Specifications   | Minimum Order Quantity |
|-----------|------------------|------------------------|
| J         | 330mm Paper Tape | 40000                  |
| B         | Bulk(Bag)        | 100                    |
| D         | 180mm Paper Tape | 10000                  |

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

**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.  
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

# LQG15WHR12G02#

“#” indicates a package specification code.

## Specifications

|                                                                    |                |
|--------------------------------------------------------------------|----------------|
| L size                                                             | 1.0±0.05mm     |
| W size                                                             | 0.6±0.05mm     |
| T size                                                             | 0.5±0.1mm      |
| Size code inch (mm)                                                | 0402 (1005)    |
| Inductance                                                         | 120nH±2%       |
| Inductance Test Frequency                                          | 100MHz         |
| Rated current (Itemp) (Based on Temperature rise)                  | 140mA          |
| Max. of DC resistance                                              | 2.7Ω           |
| Q(min.)                                                            | 22             |
| Q Test Frequency                                                   | 250MHz         |
| Self resonance frequency (min.)                                    | 800MHz         |
| Operating Temperature Range(Self-temperature rise is not included) | -55°C to 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.

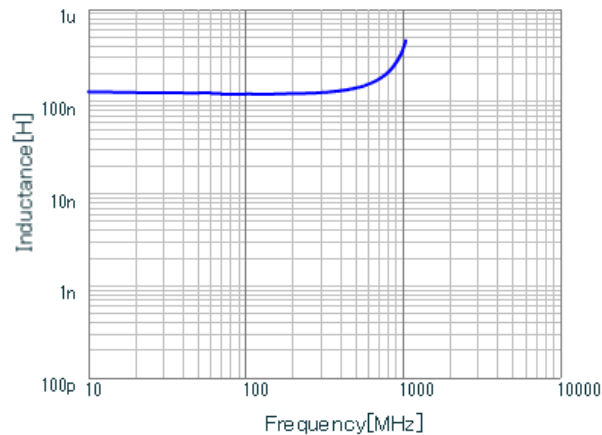
2.This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

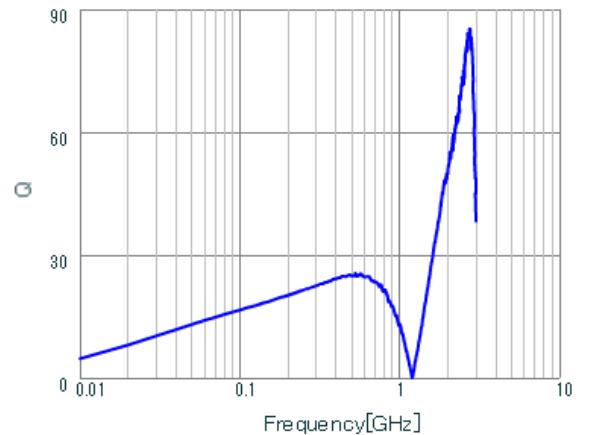
# LQG15WHR12G02#

“#” indicates a package specification code.

## Product Data



Inductance - Frequency Characteristics



Q-Frequency Characteristics

### 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.  
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.