

LQG15WH3N1C02#

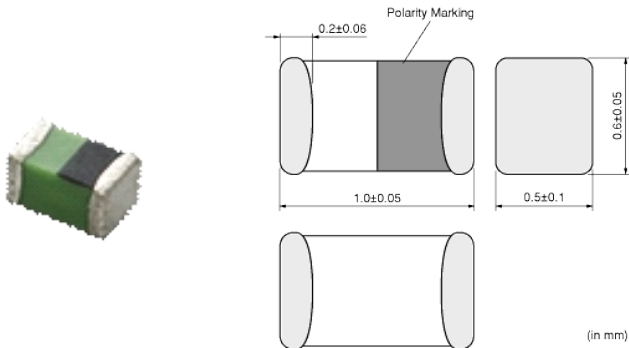
"#" indicates a package specification code.

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



< List of part numbers with package codes >
LQG15WH3N1C02J LQG15WH3N1C02B LQG15WH3N1C02D

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

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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	3.1nH±0.2nH
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	900mA
Max. of DC resistance	0.09Ω
Q(min.)	23
Q Test Frequency	250MHz
Self resonance frequency (min.)	6000MHz
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Series	LQG15WH_02

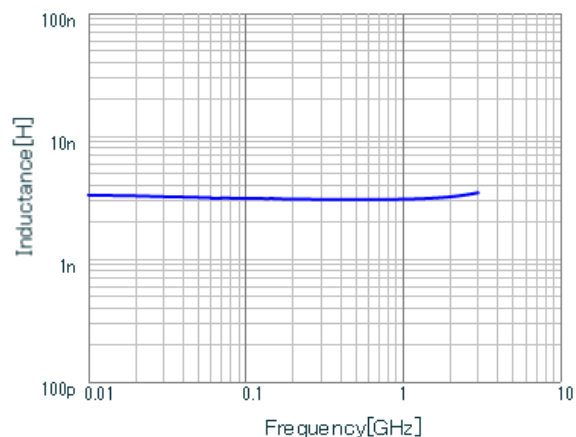
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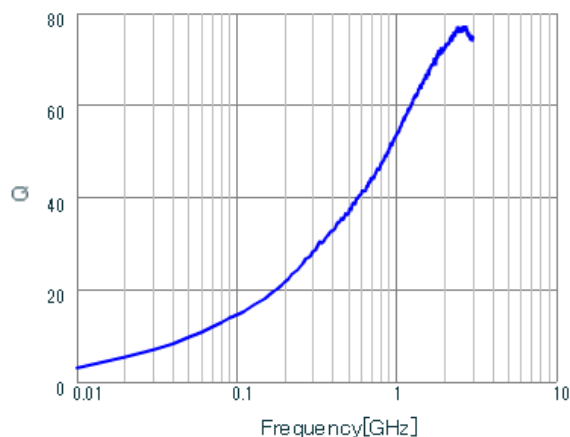
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Product Data



Inductance - Frequency Characteristics



Q-Frequency Characteristics

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