muRata INNOVATOR IN ELECTRONICS

LQG15WZ5N1C02J

"#" indicates a package specification code.

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

In Production | AEC-Q200 | RoHS | REACH | 125 ℃ max. | Multi-layer | High Q | Reflow OK

< List of part numbers with package codes >

LQG15WZ5N1C02B   LQG15WZ5N1C02D   LQG15WZ5N1C02J

Applications

| Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Automotive infotainment/comfort equipment,Medical equipment [GHTF A/B/C] except for implant & operation & auto-dispenser equipment,Industrial equipment except for transportation & facility & energy equipment 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.

References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	100
D	180mm Paper Tape	10000
J	330mm Paper Tape	40000

Mass (typ.)	
1 piece	0.001g

Appearance & Shape

0.2±0.06   Marking
0.6±0.05
1.0±0.05
0.5±0.1

(in mm)

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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	5.1nH±0.2nH
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	800mA
Max. of DC resistance	0.12Ω
Q(min.)	23
Q Test Frequency	250MHz
Self resonance frequency (min.)	4500MHz
Operating Temperature Range(Self-temperature rise is　not included)	-55℃ to 125℃
Brand	Murata
Series	LQG15WZ_02

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Characteristic Data
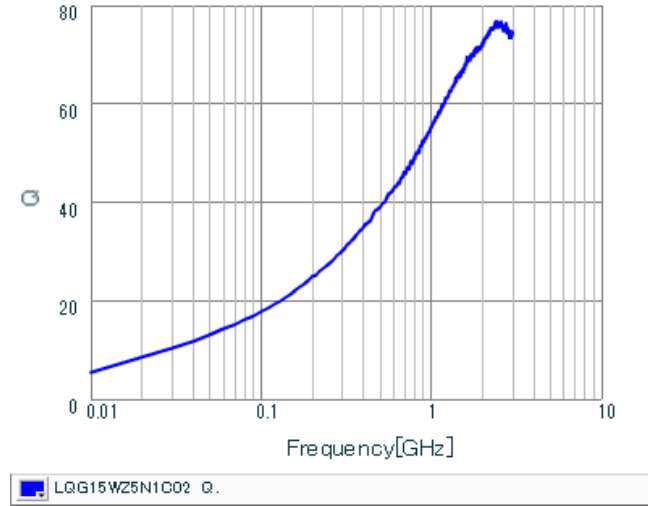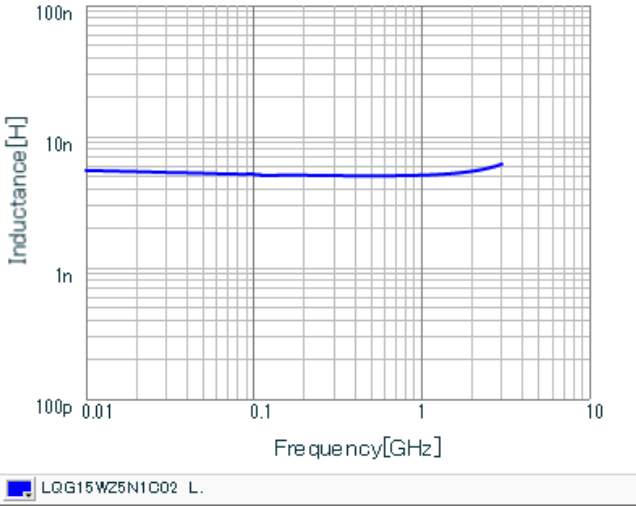
Inductance - Frequency Characteristics

Q-Frequency Characteristics

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