muRata INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of LQP02TN2N0C02# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LQP02TN2N0C02%23

LQP02TN2N0C02L

"#" indicates a package specification code.

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

In Production | RoHS | REACH | 125°C max. | Film | Reflow OK

< List of part numbers with package codes >

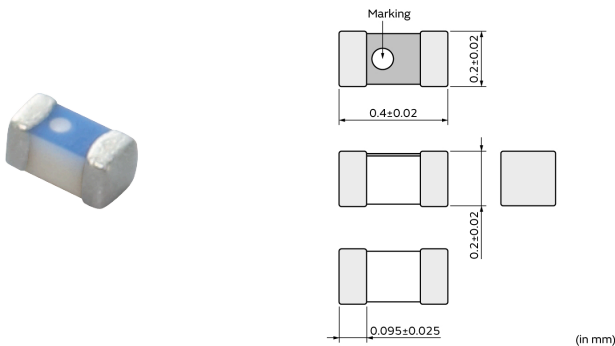LQP02TN2N0C02B   LQP02TN2N0C02D   LQP02TN2N0C02L

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 & 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)	500
D	180mm Paper Tape	20000
L	180Embossed Tape	40000

Mass (typ.)	
1 piece	0.05mg

Appearance & Shape

Marking

0.2 ± 0.02

0.4 ± 0.02

0.2 ± 0.02

0.095 ± 0.025

(in mm)

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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	2nH±0.2nH
Inductance Test Frequency	500MHz
Rated current (Itemp) (Based on Temperature rise)	200mA
Max. of DC resistance	0.75Ω
Q(min.)	8
Q Test Frequency	500MHz
Self resonance frequency (min.)	9000MHz
Operating Temperature Range(Self-temperature rise is not included)	-55℃ to 125℃
Brand	Murata
Series	LQP02TN_02

URL : https://www.murata.com/

Last updated06/13/2023

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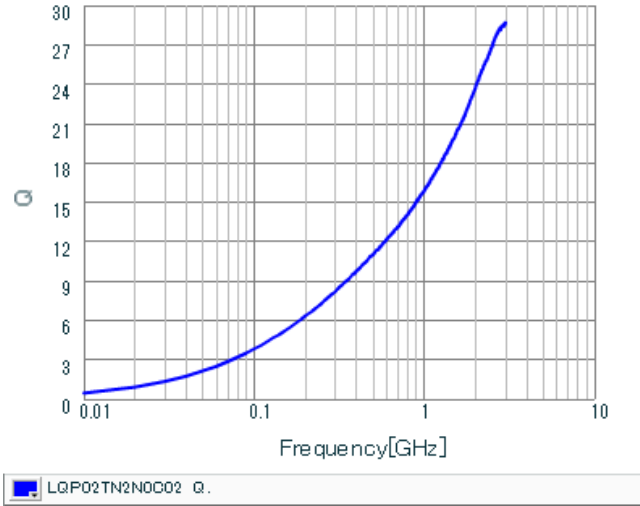http://www.murata.com/en-us/products/productdetail?partno=LQP02TN2N0C02%23

LQP02TN2N0C02L

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Characteristic Data
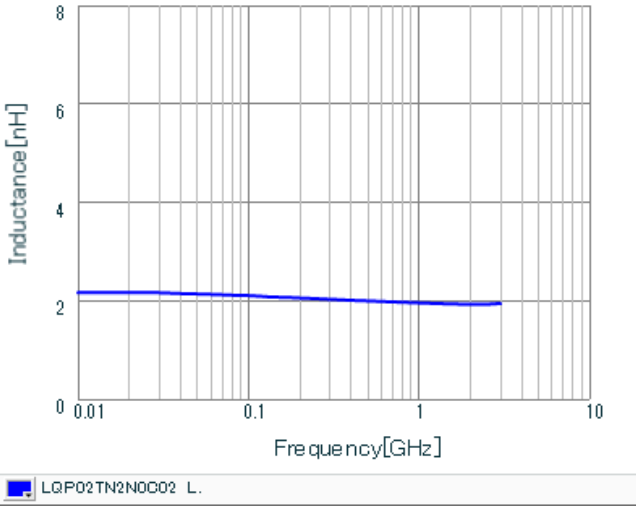
Inductance - Frequency Characteristics

Q-Frequency Characteristics

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