

Search by  
Part Number / Series

Search by Specifications

Search in the Lineups

Search by Competitor's  
Part Number

Home > Products > Inductors > Product details



Wire Wound RF Inductor

▶ Please be sure to read here, before using a product. ▶ Cautions about imitations

# LQW15AN3N1C00#

"#" indicates a package specification code.

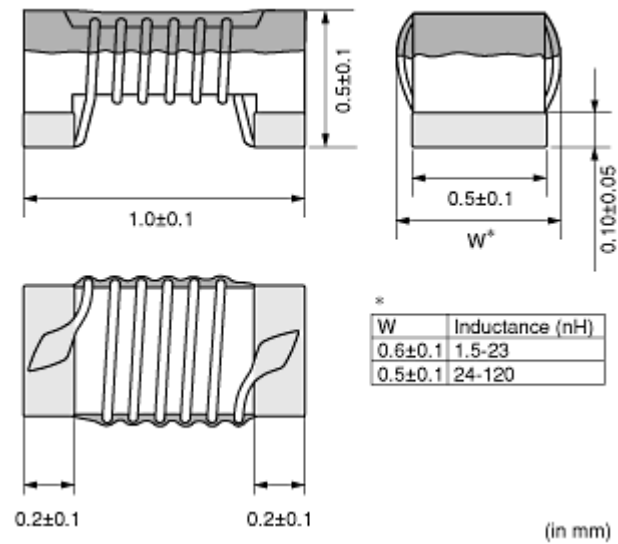
Size Code 1005 (0402) in mm (in inch), High Q, Low DC Resistance Type

In Production ?

General
125 °C max.
Wound (Non mag)
Reflow OK
RoHS
REACH ?

< List of part numbers with package codes >  
LQW15AN3N1C00D , LQW15AN3N1C00B

## Shape



L size	1.0 ±0.1mm
W size	0.6 ±0.1mm
T size	0.5 ±0.1mm
Size code in inch (mm)	0402 (1005)

20pcs free sample request

Stock Check (Where to buy)

PDF Catalogs

Download a PDF file of this page

How to read part numbers >

View all part numbers of this series >

### Link Specifications

Specifications Sheet >  
(with cautions/mounting/packaging)

Reference data >

### Product data

SPICE Netlist (mod type) >

Sparameter (S2P type) >

## Specifications

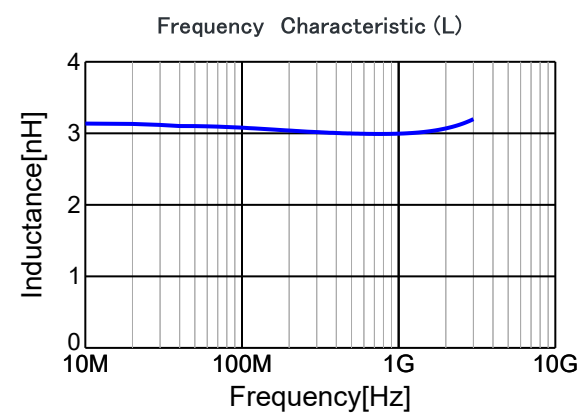
Inductance	3.1nH $\pm$ 0.2nH
Inductance test frequency	100MHz
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	570mA
Max. of DC resistance	0.13 $\Omega$
Q (min.)	20
Q test frequency	250MHz
Self resonance frequency (min.)	14.0GHz
Operating temperature range (Self-temperature rise is not included)	-55~125°C
Series	LQW15AN_00

## References

Packaging code	Specifications	Minimum quantity
D	$\phi$ 180mm Paper taping	10000
B	Packing in bulk	500

Mass (Typ.)	
1 piece	0.0008g

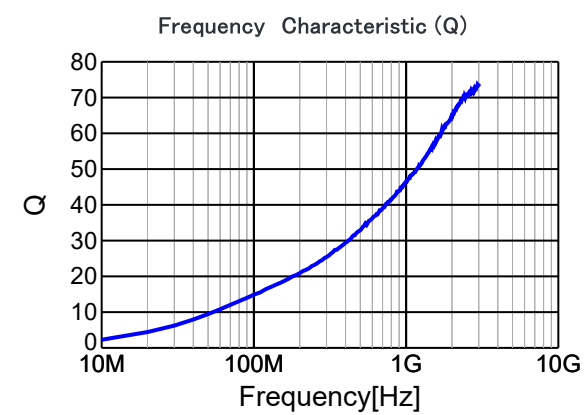
## Chart of characteristic data



■ LQW15AN3N1C00,

Axis setting

Initialize axis setting



■ LQW15AN3N1C00,

Axis setting

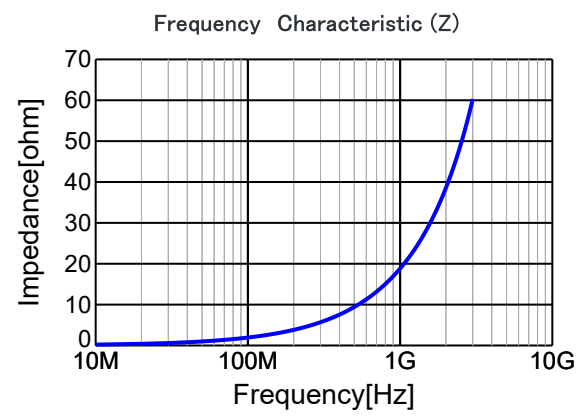
Initialize axis setting

Save image

CSV

Save image

CSV



■ LQW15AN3N1C00,

Axis setting

Initialize axis setting

Save image

CSV



Go to the detailed chart

[Top of page](#)

[Investor Relations](#) | [About Murata](#) | [Careers](#) | [Contact Us](#) | [my Murata](#)

English

[Site Policy](#) | [Privacy](#) | [Site Help](#) | [Site Map](#)

Copyright © Murata Manufacturing Co., Ltd. All Rights Reserved.