

LQW15AN51NG00#

“#” indicates a package specification code.

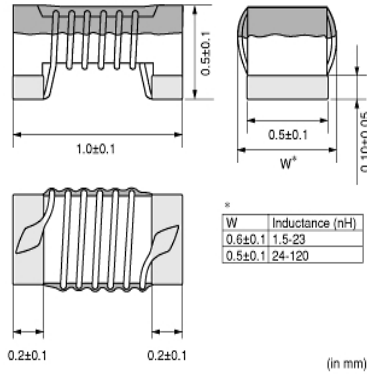
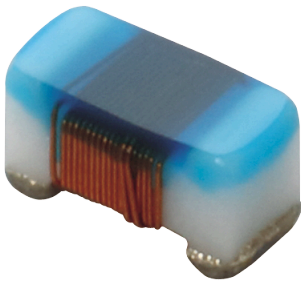
Size Code 1005 (0402) in mm (in inch), Wound Type



< List of part numbers with package codes >

LQW15AN51NG00B LQW15AN51NG00D

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
D	180mm Paper Tape	10000

Mass (typ.)	
1 piece	0.0008g

Attention

- This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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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Specifications

L size	1.0±0.1mm
W size	0.5±0.1mm
T size	0.5±0.1mm
Size code inch (mm)	0402 (1005)
Inductance	51nH±2%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	210mA
Max. of DC resistance	1.08Ω
Q(min.)	25
Q Test Frequency	200MHz
Self resonance frequency (min.)	2.85GHz
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Series	LQW15AN_00

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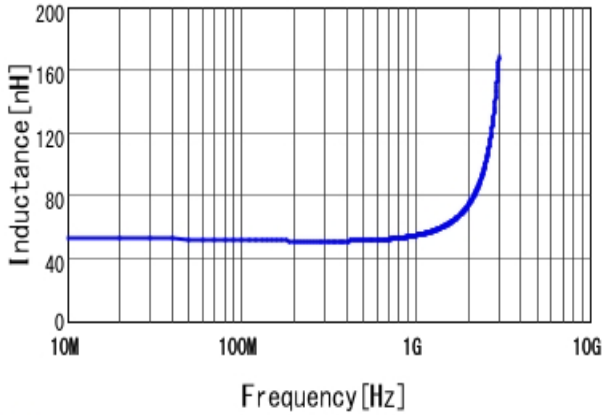
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Characteristic Data

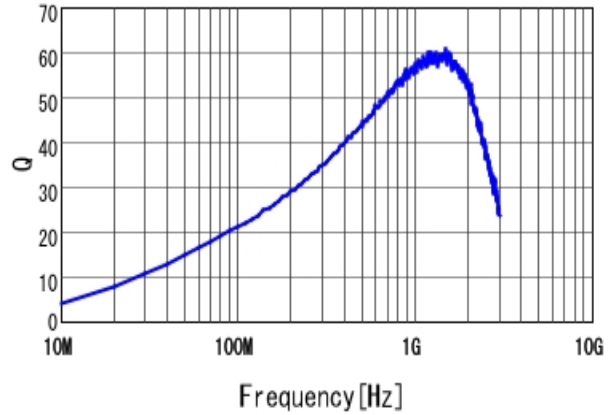
The charts below may show another part number which shares its characteristics.

Frequency Characteristic (L)



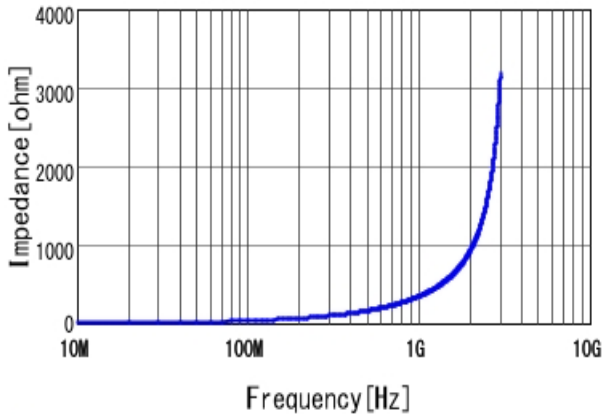
■ LQW15AN51NG00 L

Frequency Characteristic (Q)



■ LQW15AN51NG00 Q

Frequency Characteristic (Z)



■ LQW15AN51NG00 |Z|

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