

LQW18ANR27G00#

“#” at the end indicates the package specification code.

● In Production

Wire Wound RF Inductor

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Size Code 1608 (0603) in mm (in inch), Wound Type

LQW18ANR27G00D, LQW18ANR27G00J, LQW18ANR27G00B

Applications

Unsuitable Applications	Please be sure to read and comply with these " <u>Precautions for use</u> ".
Specific Applications	<p><u>Consumer equipment, Industrial equipment except for transportation & facility & energy equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector</u></p> <p>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.</p>
Recommended Applications	Consumer equipment

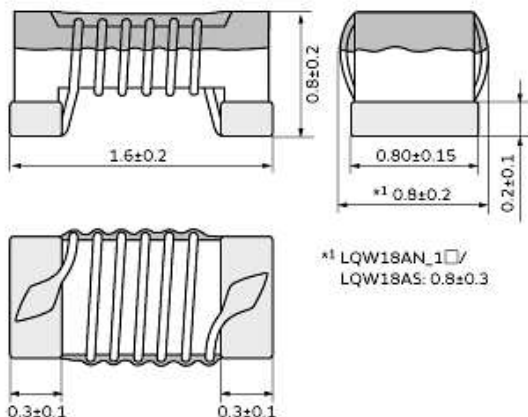
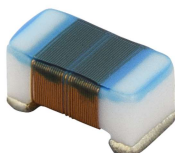
Attention

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.
2. This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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Appearance & Shape



(in mm)

Length	1.6mm ±0.2mm
Width	0.8mm ±0.2mm
Thickness	0.8mm ±0.2mm
Size code in mm(inch)	1608/0603

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Specifications

Inductance	270nH ±2%
Inductance Test Frequency	100MHz
Rated Current (Temperature Rise) / Max.	110mA
DC Resistance(max.)	3.4Ω
Self-resonant frequency	960MHz
Q(min.)	30
Q test frequency	100MHz
Operating Temperature	-55 ~ 125°C
Type of magnetic shield	Non-Shielded
Series	LQW18AN_00
Brand	Murata
Soldering Support	Reflow soldering

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	300mm Paper tape	10000
B	Bulk(Bag)	500

Mass(Typ.)	
1 piece	0.003g

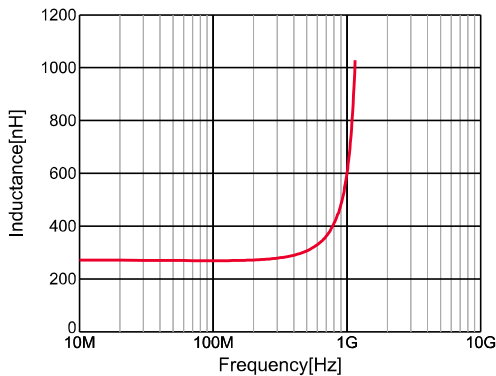
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Frequency Characteristic

L



LQW18ANR27G00#,L,

Q

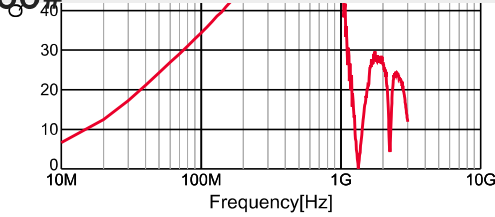
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Product Search Data Sheet

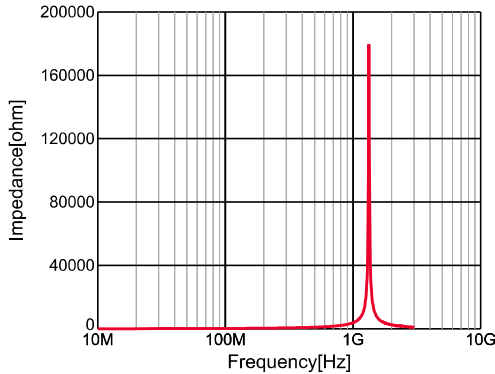
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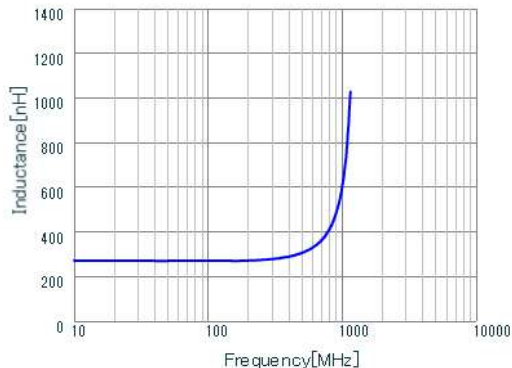
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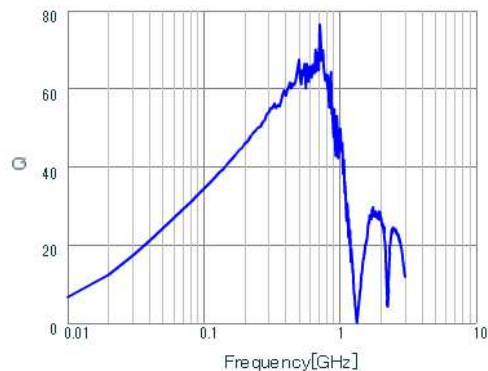
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Product Data



LQW18ANR27G00 L.

Inductance - Frequency Characteristics



LQW18ANR27G00 G.

Q-Frequency Characteristics

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