

# LQW15CNR27J1Z#

“#” indicates a package specification code.

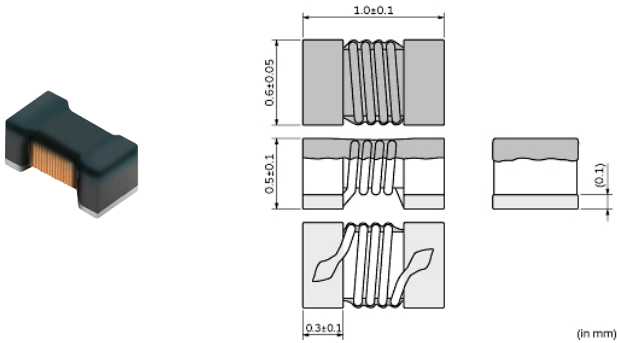
For Power Choke



< List of part numbers with package codes >

LQW15CNR27J1ZB      LQW15CNR27J1ZD

## Appearance & Shape



## References

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

Mass (typ.)	
1 piece	0.001g

### 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.
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## Specifications

L size	1.0±0.1mm
W size	0.6±0.05mm
T size	0.5±0.1mm
Size code inch (mm)	0402 (1005)
Inductance	270nH±5%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	420mA
Max. of DC resistance	0.52Ω
Class of magnetic shield	No Shield
Self resonance frequency (min.)	830MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 125°C
Brand	Murata
Series	LQW15CN_1Z

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## Notice For General

In operating temperatures exceeding +85°C, derating of current is necessary for this series.

Please apply the derating curve shown in the chart according to the operating temperature.

### Derating of Rated Current



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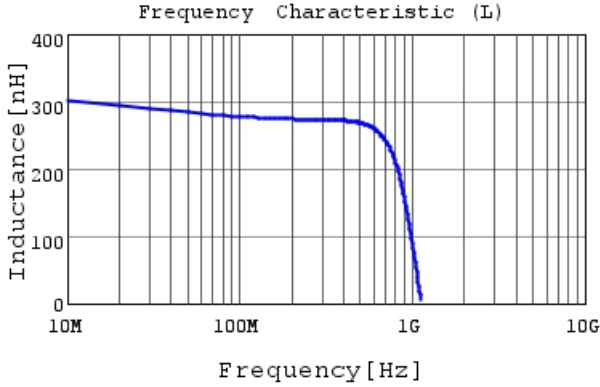
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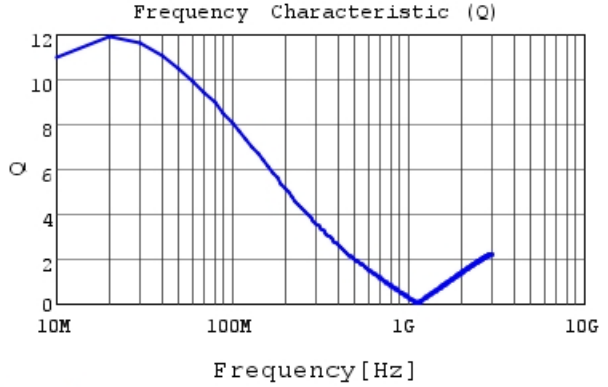


## Characteristic Data

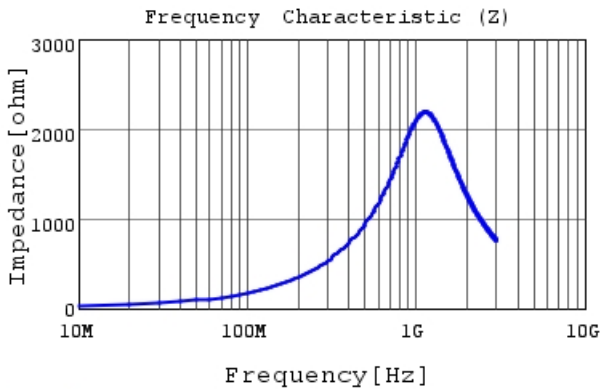
The charts below may show another part number which shares its characteristics.



LQW15CNR27J1Z L



LQW15CNR27J1Z Q



LQW15CNR27J1Z |Z|

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