

# LQW18CNR10K0Z#

“#” indicates a package specification code.

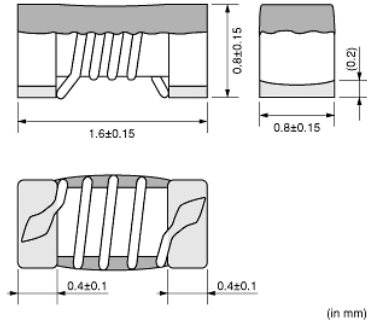
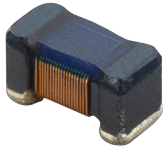
For Power Choke



< List of part numbers with package codes >

LQW18CNR10K0ZB      LQW18CNR10K0ZD      LQW18CNR10K0ZJ

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000

Mass (typ.)	
1 piece	0.004g

**Attention**

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## Specifications

L size	1.6±0.15mm
W size	0.8±0.15mm
T size	0.8±0.15mm
Size code inch (mm)	0603 (1608)
Inductance	100nH±10%
Inductance Test Frequency	10MHz
Rated current (Itemp) (Based on Temperature rise)	1000mA
Max. of DC resistance	0.1Ω
Class of magnetic shield	No Shield
Self resonance frequency (min.)	1260MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 125°C
Brand	Murata
Series	LQW18CN_0Z

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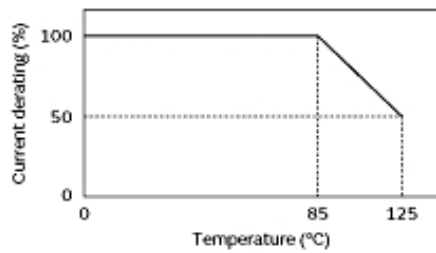


## Notice For General

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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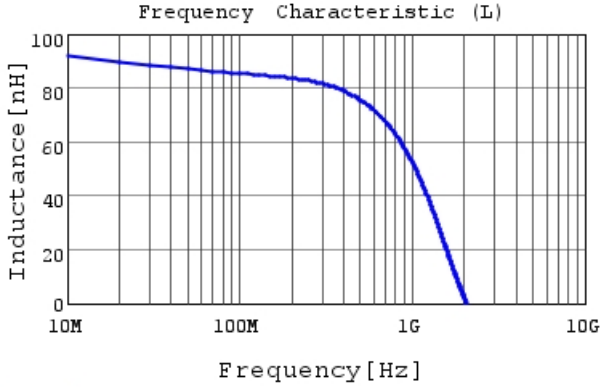
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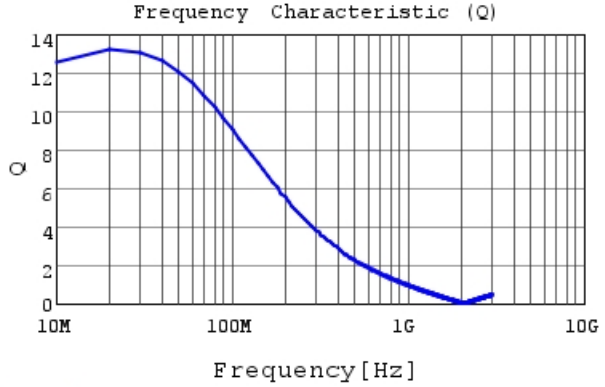


## Characteristic Data

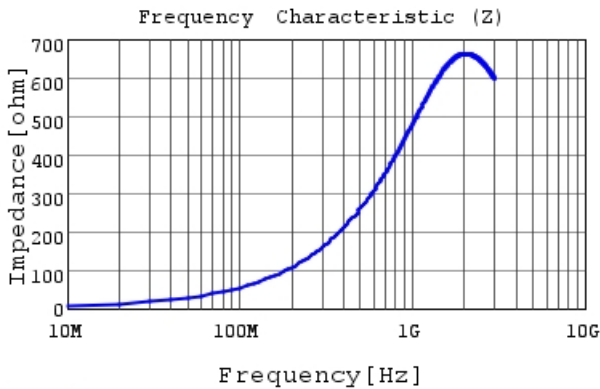
The charts below may show another part number which shares its characteristics.



LQW18CNR10K0Z L



LQW18CNR10K0Z Q



LQW18CNR10K0Z |Z|

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