

# LQW18CNR12J0Z#

“#” indicates a package specification code.

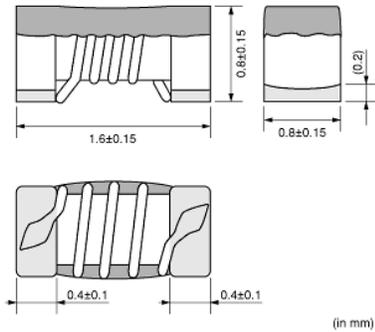
For RF Choke, Voltage Conversion



< List of part numbers with package codes >

LQW18CNR12J0ZB LQW18CNR12J0ZJ LQW18CNR12J0ZD

## Appearance & Shape



(in mm)

## References

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

Mass (typ.)	
1 piece	0.004g

### 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	1.6±0.15mm
W size	0.8±0.15mm
T size	0.8±0.15mm
Size code inch (mm)	0603 (1608)
Inductance	120nH±5%
Inductance Test Frequency	10MHz
Rated current (Itemp) (Based on Temperature rise)	1100mA
Max. of DC resistance	0.085Ω
Class of magnetic shield	No Shield
Self resonance frequency (min.)	1200MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 125°C
Series	LQW18CN_0Z

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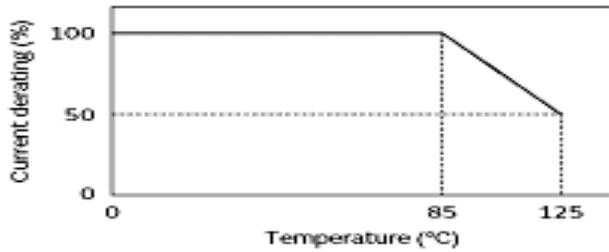
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## Notice For General

**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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