

LQW18CNR56J0Z#

“#” indicates a package specification code.

For RF Choke, Voltage Conversion

In Production

Info-tainment

AEC-Q200

RoHS

REACH

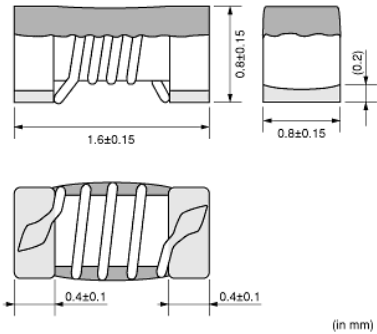
125°C max.

Wound (Ferrite)

Reflow OK

< List of part numbers with package codes >
LQW18CNR56J0ZB LQW18CNR56J0ZJ LQW18CNR56J0ZD

Appearance & Shape



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.
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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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	560nH±5%
Inductance Test Frequency	10MHz
Rated current (Itemp) (Based on Temperature rise)	450mA
Max. of DC resistance	0.48Ω
Class of magnetic shield	No Shield
Self resonance frequency (min.)	540MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 125°C
Series	LQW18CN_0Z

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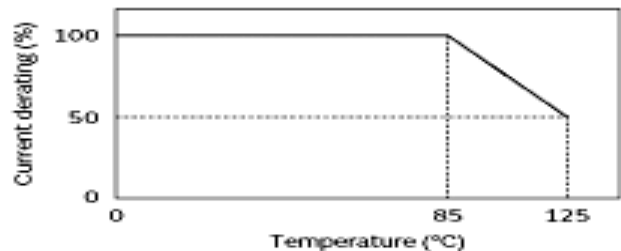
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Notice For General

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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