

1 Toduct Search Data She

LQW18AN6N2C8Z#

Note: This datasheet may be out of date.

Please download the latest datasheet of LQW18AN6N2C8Z# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQW18AN6N2C8Z%23

"#" indicates a package specification code.

RF inductor with low DC resistance and large current capacity























< List of part numbers with package codes >

LQW18AN6N2C8ZB

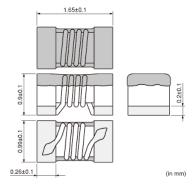
LQW18AN6N2C8ZD

LQW18AN6N2C8ZJ



Appearance & Shape







References

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

Mass (typ.)		
1 piece	0.0034g	



Please consider 'Notice (Rating).

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Attention

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- 2. This datasheet has only typical specifications because there is no space for detailed specifications.
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Specifications

L size	1.65±0.1mm
W size	0.99±0.1mm
T size	0.9±0.1mm
Size code inch (mm)	0603 (1608)
Inductance	6.2nH±0.2nH
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	1900mA
Max. of DC resistance	0.04Ω
Q(min.)	40
Q Test Frequency	250MHz
Self resonance frequency (min.)	6650MHz
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Brand	Murata
Series	LQW18AN_8Z

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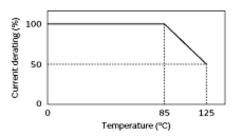


Notice For General

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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