

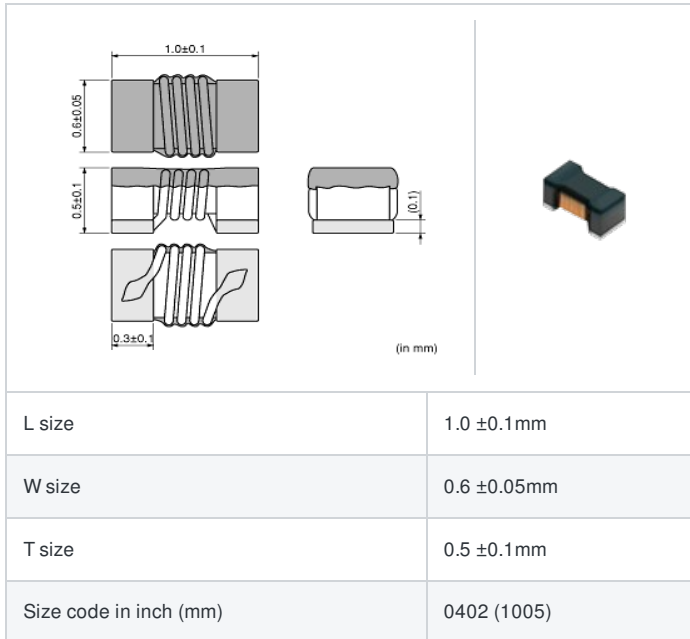
# LQW15CNR14K1Z#

"#" indicates a package specification code.



< List of part numbers with package codes >  
LQW15CNR14K1ZD , LQW15CNR14K1ZB

## Shape



## Notes

In operating temperature exceeding +85°C, derating of current is necessary for LQW15C series.  
Please apply the derating curve shown in chart according to the operating temperature.  
Please confirm "Notice (Rating)".

## References

Packaging code	Specifications	Minimum quantity
D	φ180mm Paper taping	10000
B	Packing in bulk	500

Mass (Typ.)	
1 piece	0.001g

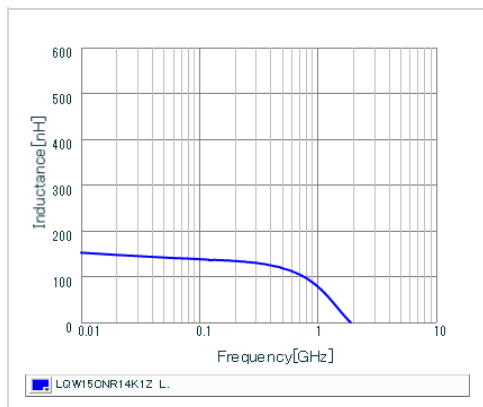
## Specifications

Inductance	140nH ±10%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	650mA
Max. of DC resistance	0.216Ω
Self resonance frequency (min.)	1000MHz
Operating temperature range (Self-temperature rise is not included)	-40~125°C
Class of magnetic shield	No Shield

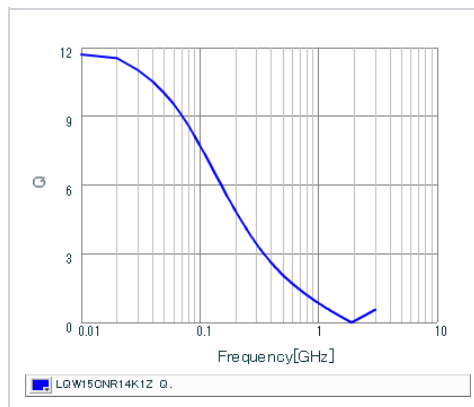
## Attention

- 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.

" Inductance-Frequency characteristics (Typ.)



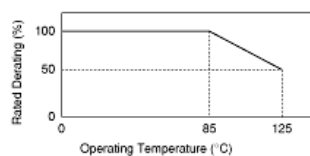
" Q-Frequency characteristics (Typ.)



" Notice (Rating)

In operating temperature exceeding +85°C, derating of current is necessary for LQW15C series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



#### ⚠ 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.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Murata:

[LQW15CNR14K1ZD](#)