

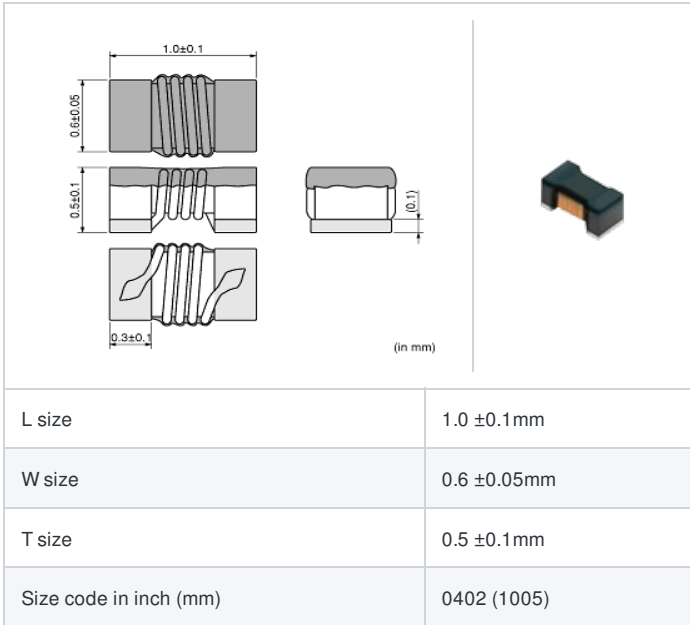
LQW15CNR47K1Z#

indicates a package specification code.



< List of part numbers with package codes >
 LQW15CNR47K1ZD , LQW15CNR47K1ZB

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

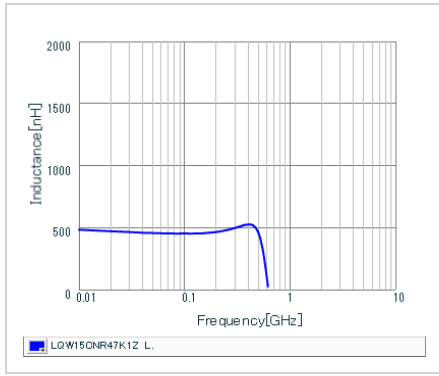
Inductance	470nH ±10%
Inductance test frequency	10MHz
Rated current (Itemp) (Based on Temperature rise)	350mA
Max. of DC resistance	0.66Ω
Self resonance frequency (min.)	380MHz
Operating temperature range (Self-temperature rise is not included)	-40~125°C
Class of magnetic shield	No Shield
Series	LQW15CN_1Z

Attention

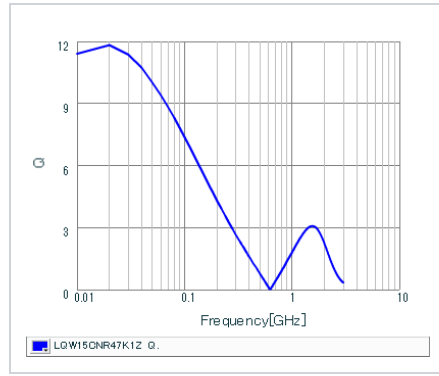
- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet 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.

Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

▪ Inductance-Frequency characteristics (Typ.)



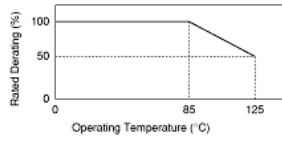
▪ Q-Frequency characteristics (Typ.)



▪ 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.