

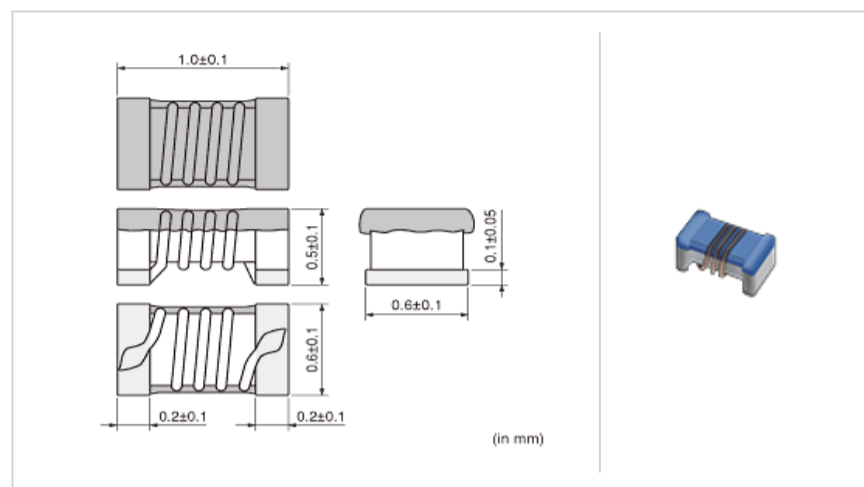
LQW15AN7N9J80#

" # " indicates a package specification code.



< List of part numbers with package codes >
LQW15AN7N9J80D , LQW15AN7N9J80B

Shape



L size	1.0 ± 0.1mm
W size	0.6 ± 0.1mm
T size	0.5 ± 0.1mm
Size code in inch (mm)	0402 (1005)

Specifications

Inductance	7.9nH ± 5%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	1700mA
Max. of DC resistance	0.050
Q (min.)	30
Q test frequency	250MHz
Self resonance frequency (min.)	7.0GHz
Operating temperature range (Self-temperature rise is not included)	-55 ~ 125

Notes

In operating temperature exceeding +85 , derating of current is necessary for LQW15A_80 series. Please apply the derating curve shown in chart according to the operating temperature. Please confirm the below "Notice (Rating)".

References

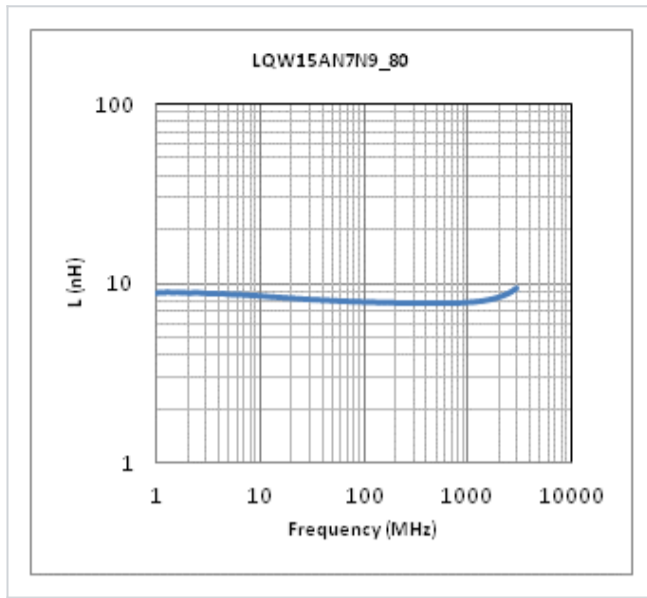
Packaging code	Specifications	Minimum quantity
D	180mm Paper taping	10000
B	Packing in bulk	500

Mass (Typ.)	
1 piece	0.0009g

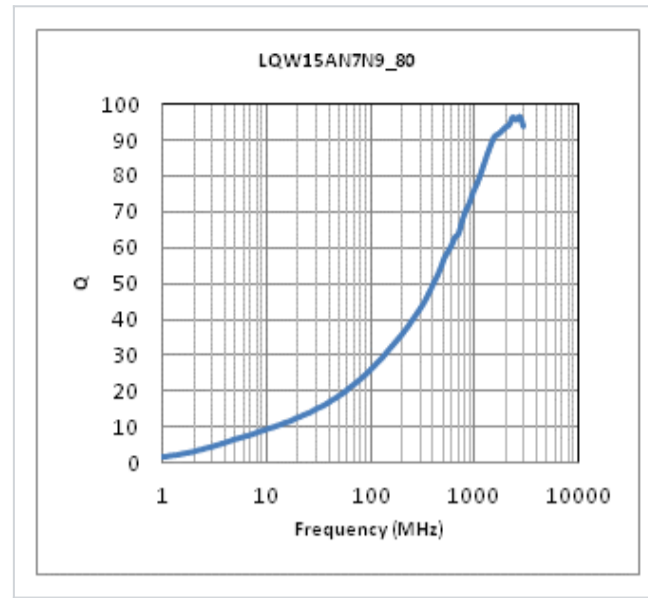
Attention

- 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 LQW15A_80 series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current

