

# LQW18AS68NG0C#

“#” indicates a package specification code.

Air-core inductor with non-magnetic electrode material which does not disturb magnetic field in magnetic field utilized application such as MRI.



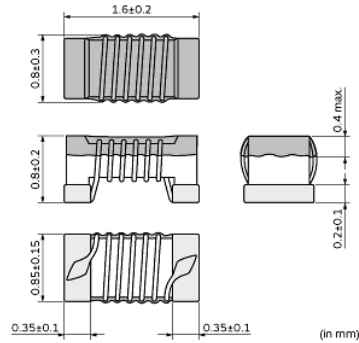
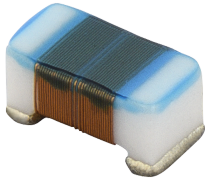
## < List of part numbers with package codes >

LQW18AS68NG0CB

LQW18AS68NG0CD

LQW18AS68NG0CJ

## Appearance & Shape



## References

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

Mass (typ.)	
1 piece	0.003g

### 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.

# LQW18AS68NG0C#

“#” indicates a package specification code.



## Specifications

L size	1.6±0.2mm
W size	0.8±0.3mm
T size	0.8±0.2mm
Size code inch (mm)	0603 (1608)
Inductance	68nH±2%
Inductance Test Frequency	200MHz
Rated current (Itemp) (Based on Temperature rise)	600mA
Max. of DC resistance	0.34Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 85°C
Q(min.)	37
Q Test Frequency	200MHz
Self resonance frequency (min.)	1700MHz
Brand	Murata
Series	LQW18AS_0C

### 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.

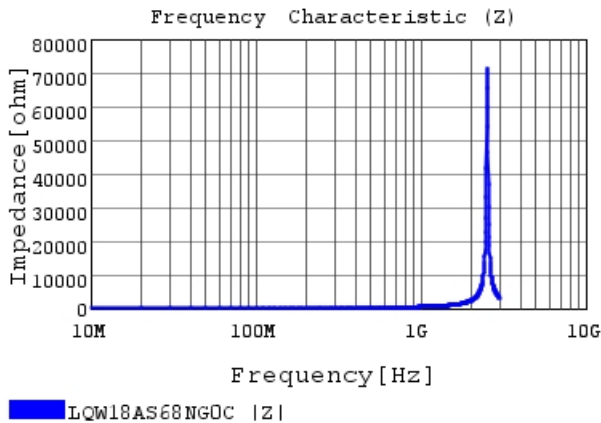
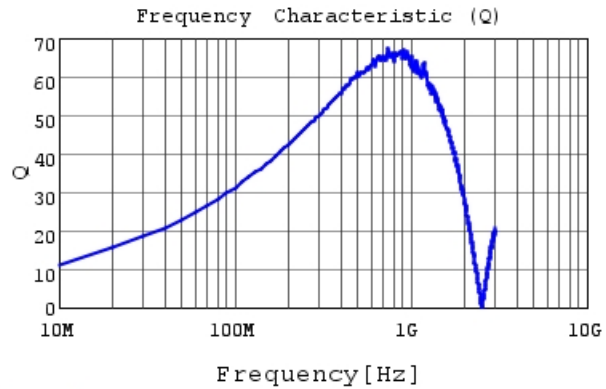
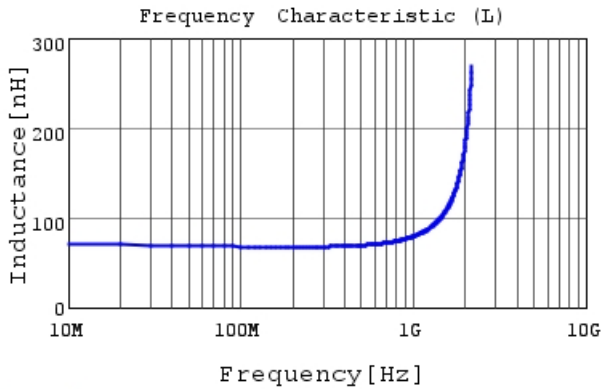
# LQW18AS68NG0C#

“#” indicates a package specification code.



## Characteristic Data

The charts below may show another part number which shares its characteristics.



### 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.