

# LQW18CAR58J00#

"#" indicates a package specification code.

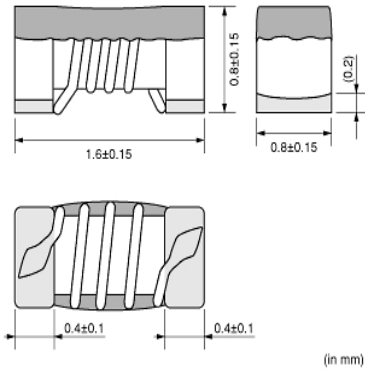
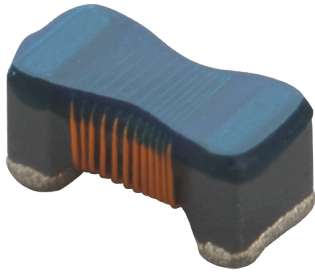
0603(inch) size wound ferrite core inductor for audio line choke.



< List of part numbers with package codes >

LQW18CAR58J00B      LQW18CAR58J00J      LQW18CAR58J00D

## Appearance & Shape



## References

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

Mass (typ.)	
1 piece	0.004g

### 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.

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## Specifications

L size	1.6±0.15mm
W size	0.8±0.15mm
T size	0.8±0.15mm
Size code inch (mm)	0603 (1608)
Inductance	580nH±5%
Inductance Test Frequency	10MHz
Rated current (Itemp) (Based on Temperature rise)	450mA
Max. of DC resistance	0.46Ω
Class of magnetic shield	No Shield
Self resonance frequency (min.)	760MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Series	LQW18CA_00

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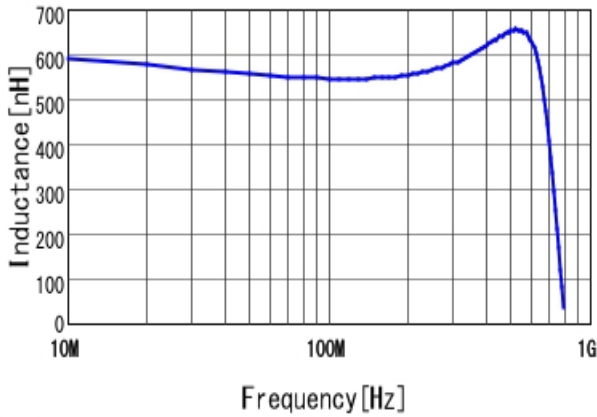
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## Characteristic Data

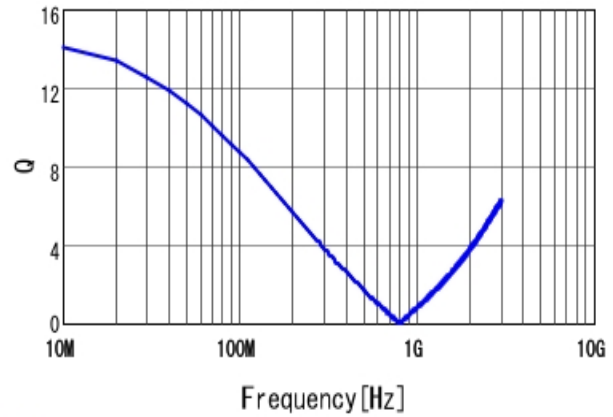
The charts below may show another part number which shares its characteristics.

Frequency Characteristic (L)



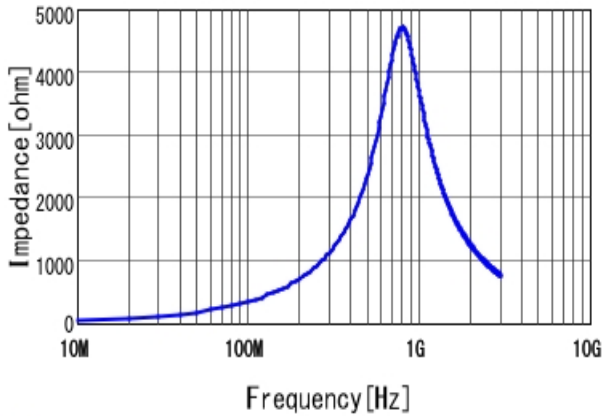
■ LQW18CAR58J00 L

Frequency Characteristic (Q)



■ LQW18CAR58J00 Q

Frequency Characteristic (Z)



■ LQW18CAR58J00 |Z|

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