LQW18ASR12G0CJ

"#"at the end indicates the 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.

| In Production | RoHS | REACH | 85°C max. | Wound (Non mag) | ▶Tight◀ Tolerance | Reflow OK |

< List of part numbers with package codes >

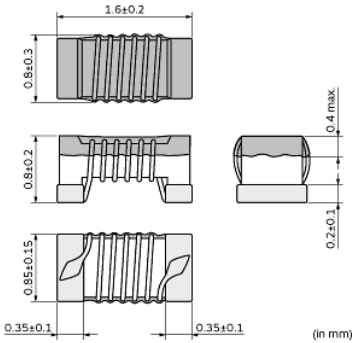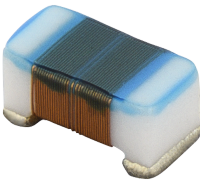LQW18ASR12G0CB   LQW18ASR12G0CD   LQW18ASR12G0CJ

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.
Recommended Applications	Consumer equipment

Appearance & Shape

1.6±0.2
0.8±0.3
0.8±0.2
0.85±0.15
0.35±0.1
0.35±0.1
0.4 max.
0.2±0.1
(in mm)

Note: This datasheet may be out of date.

Please download the latest datasheet of LQW18ASR12G0C# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LQW18ASR12G0C%23

LQW18ASR12G0CJ

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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.

URL : https://www.murata.com/

Last updated05/02/2024

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■ 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	120nH±2%
Inductance Test Frequency	150MHz
Rated current (Itemp) (Based on Temperature rise)	300mA
Max. of DC resistance	0.65Ω
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 85℃
Class of magnetic shield	Non-Shielded
Q(min.)	32
Q Test Frequency	150MHz
Self resonance frequency (min.)	1300MHz
Brand	Murata
Series	LQW18AS_0C

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