

LQW21FTR47M0HL

“#” indicates a package specification code.

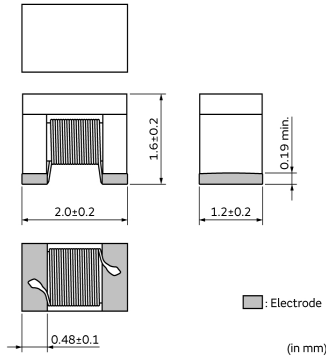
Wide frequency band, high inductance, for power line.



< List of part numbers with package codes >

LQW21FTR47M0HB LQW21FTR47M0HL

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
L	180Embossed Tape	1500

Mass (typ.)	
1 piece	0.015g

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.

LQW21FTR47M0HL

“#” indicates a package specification code.



Specifications

L size	2.0±0.2mm
W size	1.2±0.2mm
T size	1.6±0.2mm
Size code inch (mm)	0805 (2012)
Inductance	0.47μH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	1000mA
Rated current (Itemp) (Based on Temperature rise)	1100mA(Ambient temp. 105°C)900mA(Ambient temp. 125°C)
Max. of DC resistance	0.05Ω
Class of magnetic shield	Ferrite Core
Self resonance frequency (min.)	470MHz
Operating Temperature Range	-40°C to 125°C
Series	LQW21FT_0H

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.

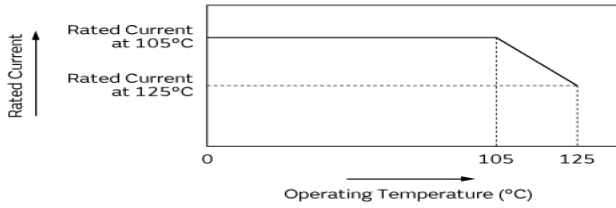
LQW21FTR47M0HL

“#” indicates a package specification code.

Notice For General

In operating temperatures exceeding +105°C, derating of current is necessary for this series. Please apply the derating curve shown in the 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.