muRata Inductor Data Sheet

LQM21FN100N00# "#" indicates a package specification code.



< List of part numbers with package codes >

LQM21FN100N00L , LQM21FN100N00K , LQM21FN100N00B



0.5±0.3 2.0±0.2 (in mm) Dimension of t Inductance: 1.0 to 2.2µH 0.85±0.2 Inductance: 4.7 to 47µH 1.25±0.2	
L size	2.0 ±0.2mm
W size	1.25 ±0.2mm
T size	1.25 ±0.2mm
Size code in inch (mm)	0805 (2012)

References

Packaging code	Specifications	Minimum quantity
L	ф180mm Embossed taping	3000
К	ф330mm Embossed taping	10000
В	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.016g

Specifications

Inductance	10μH ±30%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	60mA
Max. of DC resistance	0.65Ω
Avg. of DC resistance	0.50Ω±30%
Self resonance frequency (min.)	15MHz
Operating temperature range (Self-temperature rise is not included)	-40~85°C
Class of magnetic shield	Ferrite Core
Series	LQM21FN_00

🔔 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

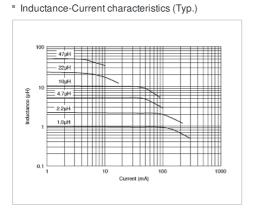
without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This datasheet has only typical specifications because there is no space for detailed specifications.

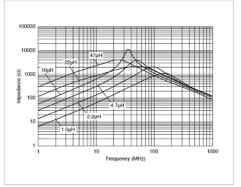
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.







Impedance-Frequency characteristics (Typ.)



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