muRata Inductor Data Sheet





< List of part numbers with package codes >

LQM21DN100N00D , LQM21DN100N00J , LQM21DN100N00B



Dimension of Inductance: 1.0 to 10µH	±0.2
L size	2.0 ±0.2mm
W size	1.25 ±0.2mm
T size	0.85 ±0.2mm
Size code in inch (mm)	0805 (2012)

J	References

Packaging code	Specifications	Minimum quantity
D	φ180mm Paper taping	4000
J	φ330mm Paper taping	10000
В	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.010g

Specifications

Inductance	10µH ±30%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	15mA
Max. of DC resistance	0.50Ω
Self resonance frequency (min.)	24MHz
Operating temperature range (Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Ferrite Core
Series	LQM21DN_00

🔔 Attention

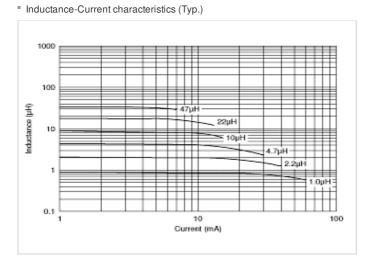
1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued

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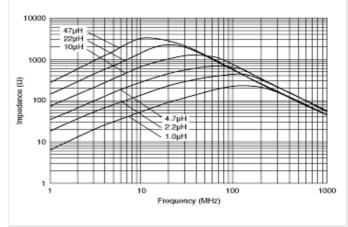
2. This datasheet has only typical specifications because there is no space for detailed specifications.

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

Chart of characteristic data (The charts below may show another part number which shares its characteristics.)



Impedance-Frequency characteristics (Typ.)



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