

LQM21NN1R0K10#

"#" indicates a package specification code.

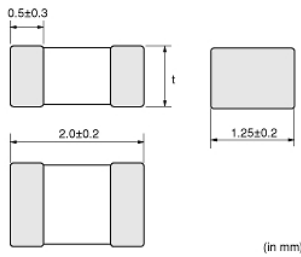
Size Code 2012 (0805) in mm (in inch)



< List of part numbers with package codes >

LQM21NN1R0K10B LQM21NN1R0K10D LQM21NN1R0K10J

Appearance & Shape



Dimension of t	Inductance: 0.1 to 2.2μH	0.85±0.2
	Inductance: 2.7 to 4.7μH	1.25±0.2

References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000

Mass (typ.)	
1 piece	0.01g

Attention

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Specifications

L size	2.0±0.2mm
W size	1.25±0.2mm
T size	0.85±0.2mm
Size code inch (mm)	0805 (2012)
Inductance	1μH±10%
Inductance Test Frequency	10MHz
Rated current (Isat) (Based on Inductance change)	50mA
Rated current (Itemp) (Based on Temperature rise)	50mA
Max. of DC resistance	0.4Ω
Class of magnetic shield	Ferrite Core
Q(min.)	45
Q Test Frequency	10MHz
Self resonance frequency (min.)	107MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Brand	Murata
Series	LQM21NN_10

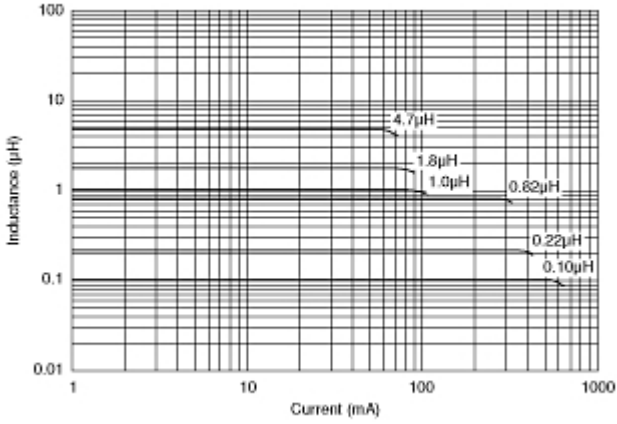
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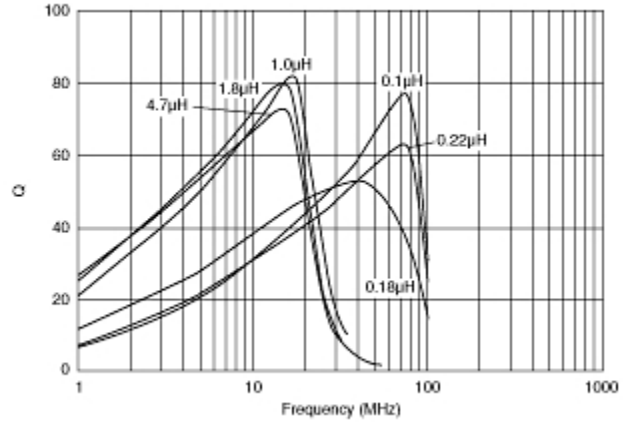
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Characteristic Data



Impedance - Current Characteristics



Q-Frequency Characteristics

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