

LQM21NN1R5K10#

“#” indicates a package specification code.

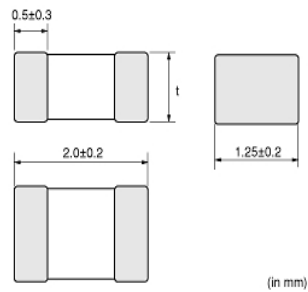
Size Code 2012 (0805) in mm (in inch)



< List of part numbers with package codes >

LQM21NN1R5K10J LQM21NN1R5K10B LQM21NN1R5K10D

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
J	330mm Paper Tape	10000
B	Bulk(Bag)	1000
D	180mm Paper Tape	4000

Mass (typ.)	
1 piece	0.01g

Attention


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

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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	1.5μH±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	0.5Ω
Class of magnetic shield	Ferrite Core
Q(min.)	45
Q Test Frequency	10MHz
Self resonance frequency (min.)	87MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Series	LQM21NN_10

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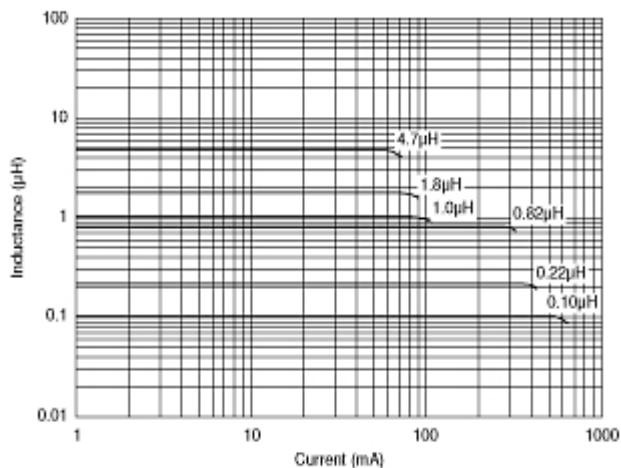
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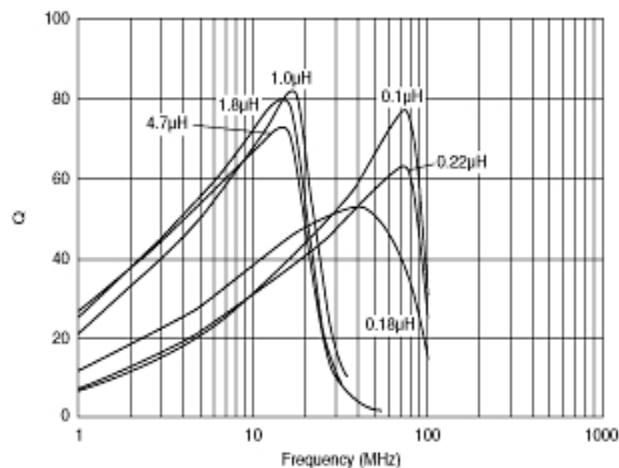
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Characteristic Data



Impedance - Current Characteristics



Q-Frequency Characteristics

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