

LQM21NNR27K10#

"#" indicates a package specification code.

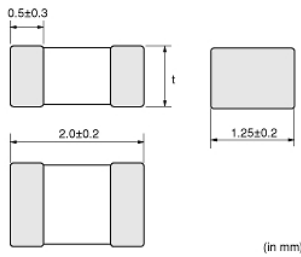
Size Code 2012 (0805) in mm (in inch)



< List of part numbers with package codes >

LQM21NNR27K10B LQM21NNR27K10D LQM21NNR27K10J

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	0.27μH±10%
Inductance Test Frequency	25MHz
Rated current (Isat) (Based on Inductance change)	250mA
Rated current (Itemp) (Based on Temperature rise)	250mA
Max. of DC resistance	0.42Ω
Class of magnetic shield	Ferrite Core
Q(min.)	20
Q Test Frequency	25MHz
Self resonance frequency (min.)	200MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Series	LQM21NN_10

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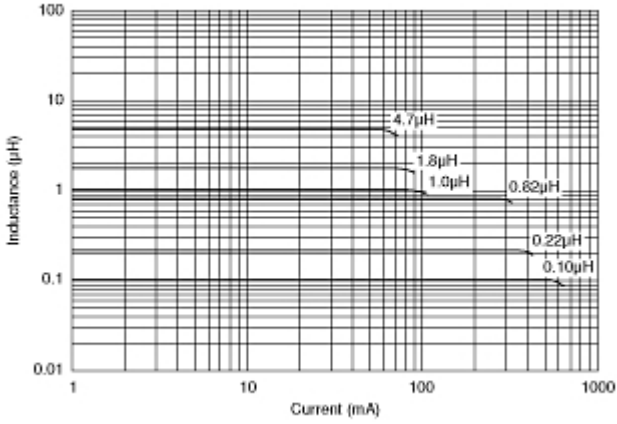
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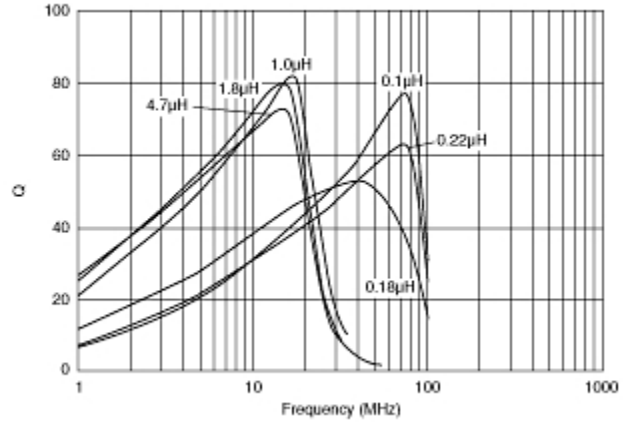
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Characteristic Data



Impedance - Current Characteristics



Q-Frequency Characteristics

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