

# LQM21NNR56K10#

"#" indicates a package specification code.



< List of part numbers with package codes >  
 LQM21NNR56K10D , LQM21NNR56K10J , LQM21NNR56K10B

## Shape

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

L size	2.0 ± 0.2mm
W size	1.25 ± 0.2mm
T size	0.85 ± 0.2mm
Size code mm (inch)	2012 (0805)

## References

Packaging code	Specifications	Minimum quantity
D	Paper tape ( 180mm)	4000
J	Paper tape ( 330mm)	10000
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.010g

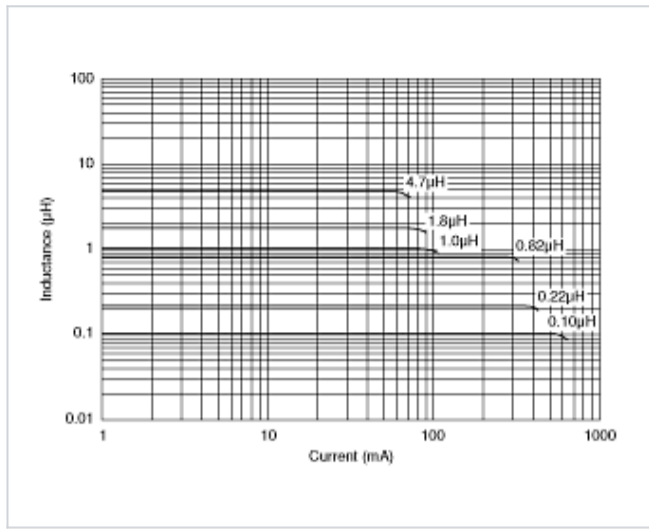
## Specifications

Inductance	0.56μH ± 10%
Inductance test frequency	25MHz
Rated current (I <sub>sat</sub> ) (Based on Inductance change)	150mA
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	150mA
Max. of DC resistance	0.63
Q (min.)	25
Q test frequency	25MHz
Self resonance frequency (min.)	140MHz
Operating temperature range (Self-temperature rise is not included)	-40 ~ +85
Class of magnetic shield	Magnetic shield of ferrite

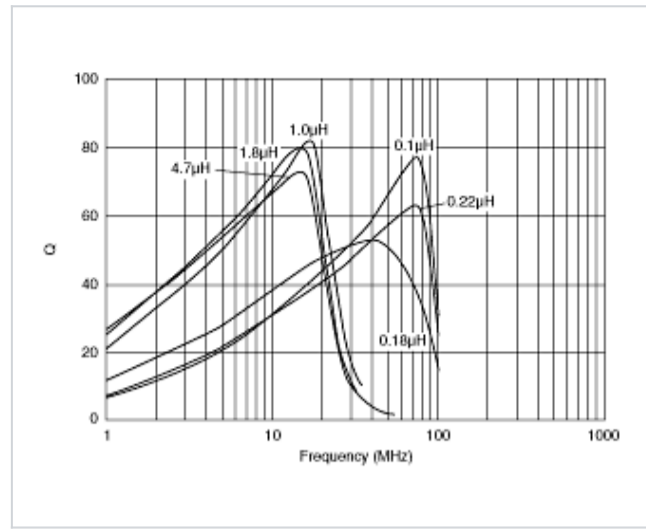
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▪ Inductance-Current characteristics (Typ.)



▪ Q-Frequency characteristics (Typ.)



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