

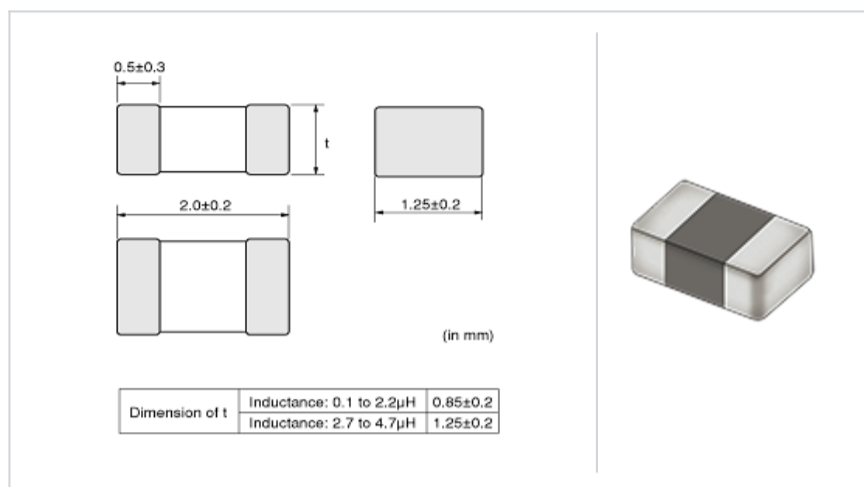
LQM21NN1R5K10#

"#" indicates a package specification code.



< List of part numbers with package codes >
 LQM21NN1R5K10D , LQM21NN1R5K10J , LQM21NN1R5K10B

Shape



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)

Specifications

Inductance	1.5μH ± 10%
Inductance test frequency	10MHz
Rated current (I _{sat}) (Based on Inductance change)	50mA
Rated current (I _{temp}) (Based on Temperature rise)	50mA
Max. of DC resistance	0.50
Q (min.)	45
Q test frequency	10MHz
Self resonance frequency (min.)	87MHz
Operating temperature range (Self-temperature rise is not included)	-40 ~ 85
Class of magnetic shield	Magnetic shield of ferrite

References

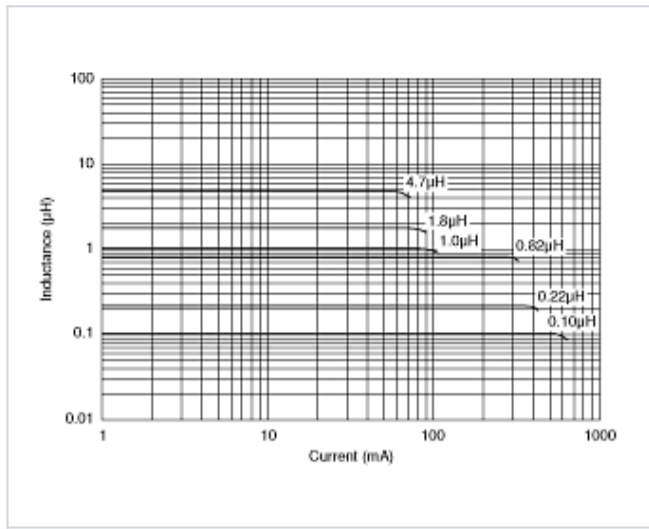
Packaging code	Specifications	Minimum quantity
D	180mm Paper taping	4000
J	330mm Paper taping	10000
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.010g

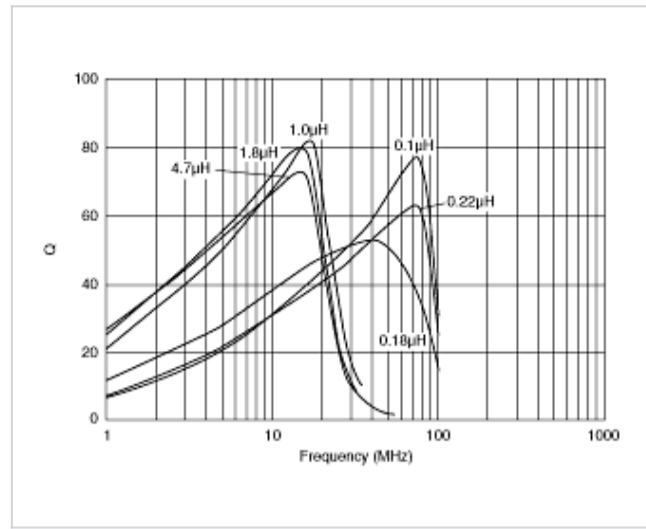
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- This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

▪ Inductance-Current characteristics (Typ.)



▪ Q-Frequency characteristics (Typ.)



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