

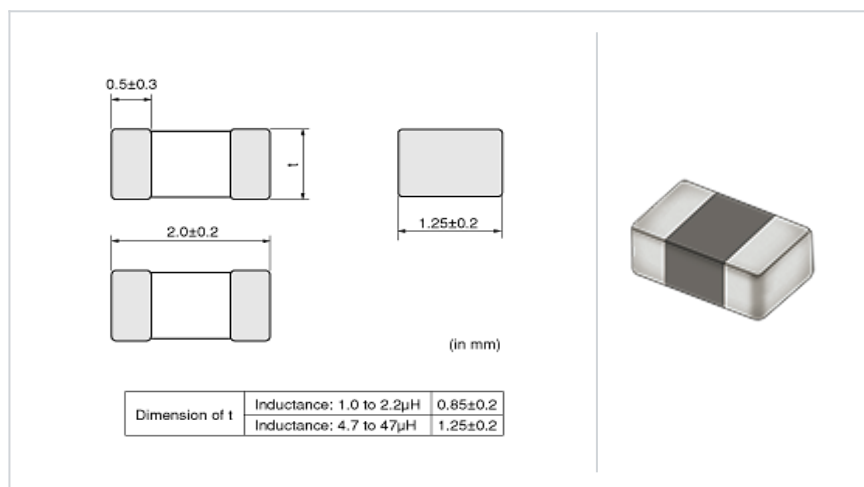
# LQM21FN1R0N00#

" # " indicates a package specification code.



< List of part numbers with package codes >  
 LQM21FN1R0N00D , LQM21FN1R0N00J , LQM21FN1R0N00B

## 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	1.0μH ± 30%
Inductance test frequency	1MHz
Rated current (I <sub>sat</sub> ) (Based on Inductance change)	220mA
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	220mA
Max. of DC resistance	0.26
Avg. of DC resistance	0.20 ± 30%
Self resonance frequency (min.)	105MHz
Operating temperature range (Self-temperature rise is not included)	-40 ~ 85
Class of magnetic shield	Magnetic shield of ferrite

## References

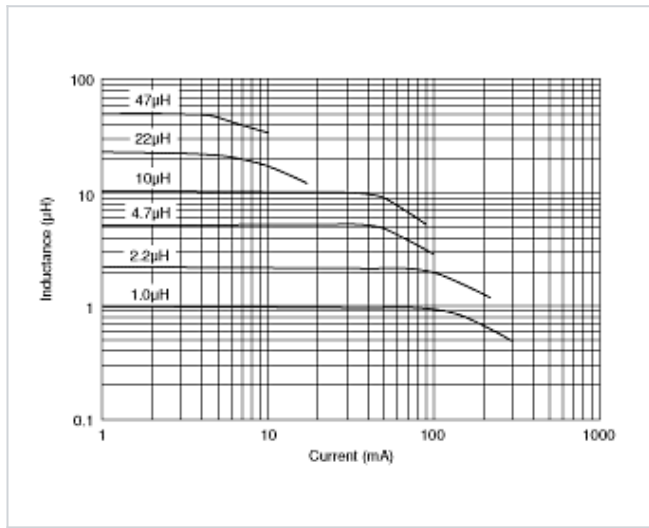
Packaging code	Specifications	Minimum quantity
D	180mm Paper taping	4000
J	330mm Paper taping	10000
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.010g

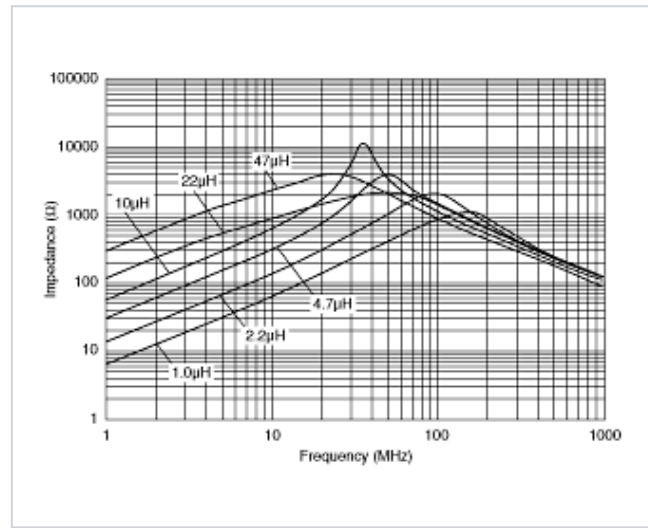
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- This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

▪ Inductance-Current characteristics (Typ.)



▪ Impedance-Frequency characteristics (Typ.)



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