

# LQM21FN220N00#

"#" indicates a package specification code.



< List of part numbers with package codes >  
 LQM21FN220N00L , LQM21FN220N00K , LQM21FN220N00B

## Shape

Dimension of t	Inductance: 1.0 to 2.2μH	0.85±0.2
	Inductance: 4.7 to 47μH	1.25±0.2

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

## References

Packaging code	Specifications	Minimum quantity
L	φ 180mm Embossed taping	3000
K	φ 330mm Embossed taping	10000
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.016g

## Specifications

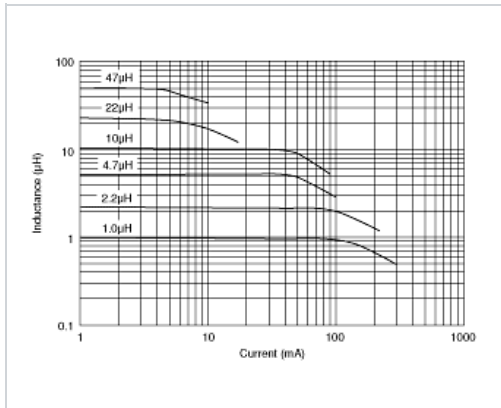
Inductance	22μH ±30%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	13mA
Rated current (Itemp) (Based on Temperature rise)	13mA
Max. of DC resistance	0.455Ω
Avg. of DC resistance	0.35Ω±30%
Self resonance frequency (min.)	15MHz
Operating temperature range (Self-temperature rise is not included)	-40~85°C
Class of magnetic shield	Ferrite Core

### ⚠ Attention

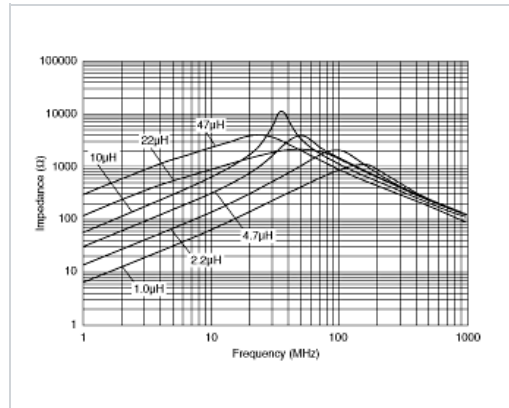
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

▪ Inductance-Current characteristics (Typ.)



▪ Impedance-Frequency characteristics (Typ.)



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