

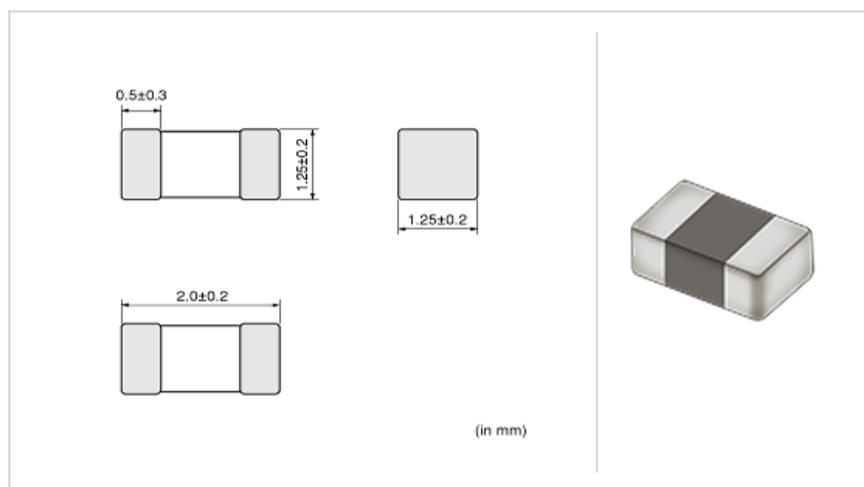
# LQM21FN100M80#

" # " indicates a package specification code.

Available **General** 125°C Multi-layer Thickness 1.45mm max. Reflow OK Flow OK RoHS

< List of part numbers with package codes >  
LQM21FN100M80L , LQM21FN100M80K , LQM21FN100M80B

### Shape



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)

### Specifications

Inductance	10μH ± 20%
Inductance test frequency	1MHz
Rated current (I <sub>sat</sub> ) (Based on Inductance change)	100mA
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	100mA
Max. of DC resistance	0.39
Avg. of DC resistance	0.30 ± 30%
Self resonance frequency (min.)	15MHz
Operating temperature range (Self-temperature rise is not included)	-55 ~ 125
Class of magnetic shield	Magnetic shield of ferrite

### References

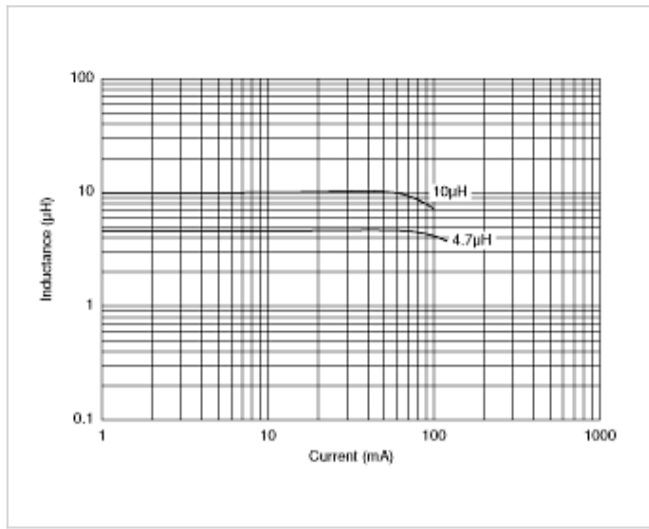
Packaging code	Specifications	Minimum quantity
L	180mm Embossed taping	3000
K	330mm Embossed taping	10000
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.016g

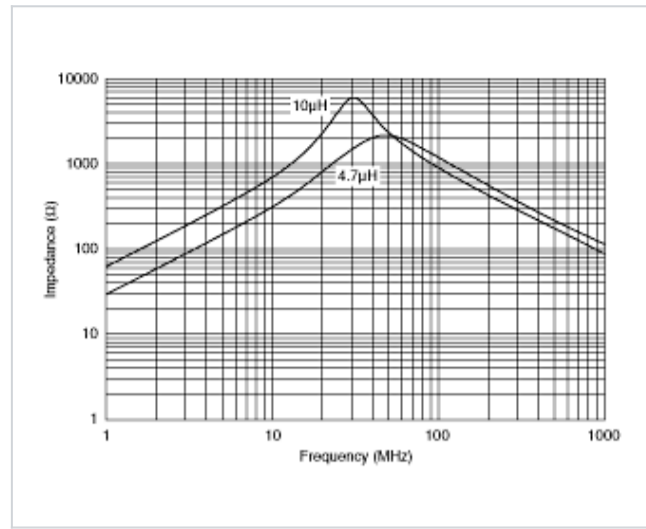
### ⚠ Attention

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- 2.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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