

LQM18FN100M00#

“ # ” indicates a package specification code.

Recommended

General

Multi-layer

Thickness
0.9mm
max.

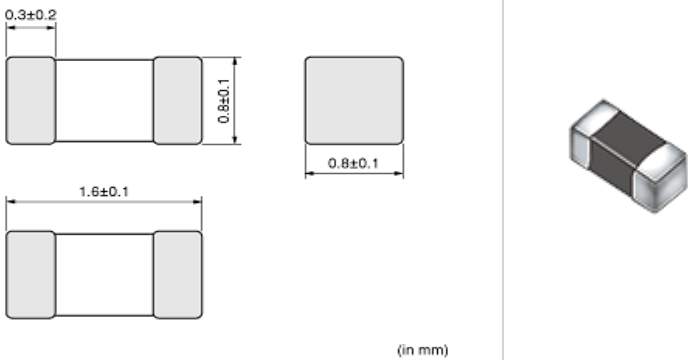
Reflow
OK

Flow OK

RoHS

< List of part numbers with package codes >
LQM18FN100M00D , LQM18FN100M00J , LQM18FN100M00B

Shape



(in mm)

L size	1.6 ± 0.1mm
W size	0.8 ± 0.1mm
T size	0.8 ± 0.1mm
Size code mm (inch)	1608 (0603)

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	0.005g

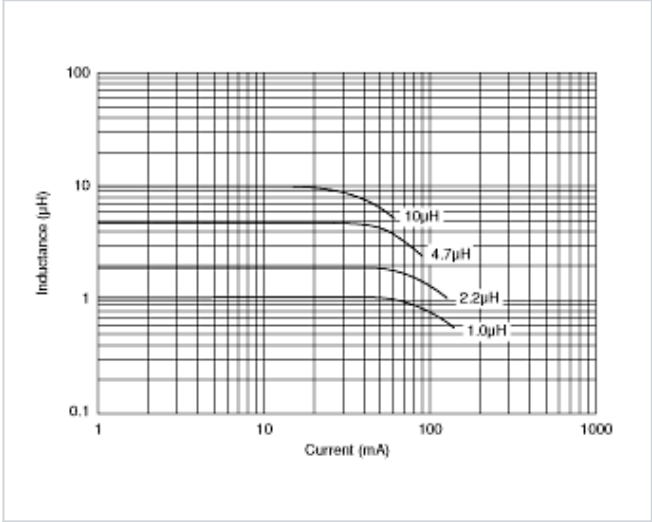
Specifications

Inductance	10μH ± 20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	50mA
Rated current (Itemp) (Based on Temperature rise)	50mA
Max. of DC resistance	1.17
Self resonance frequency (min.)	30MHz
Operating temperature range (Self-temperature rise is not included)	-55 ~ +125
Class of magnetic shield	Magnetic shield of ferrite

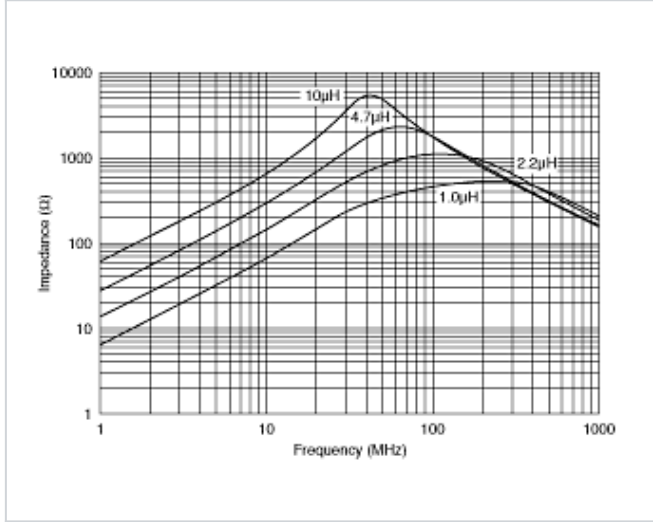
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Inductance-Current characteristics (Typ.)



Impedance-Frequency characteristics (Typ.)



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