

In Production

General

125 °C

Multi-layer

Reflow OK

Flow OK

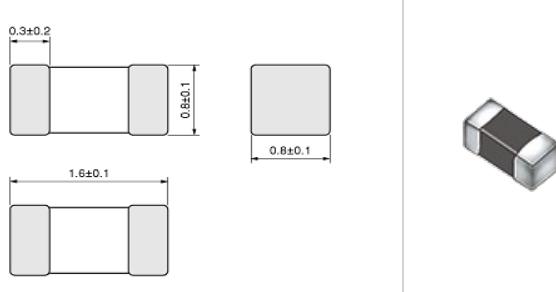
RoHS

REACH

&lt; List of part numbers with package codes &gt;

LQM18FN4R7M00D , LQM18FN4R7M00J , LQM18FN4R7M00B

**Shape**

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

**References**

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

Mass (Typ.)	
1 piece	0.005g

**Specifications**

Inductance	4.7µH ±20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	80mA
Rated current (Itemp) (Based on Temperature rise)	80mA
Max. of DC resistance	0.78Ω
Avg. of DC resistance	0.60Ω±30%
Self resonance frequency (min.)	50MHz
Operating temperature range (Self-temperature rise is not included)	-55~125°C
Class of magnetic shield	Ferrite Core

**Attention**

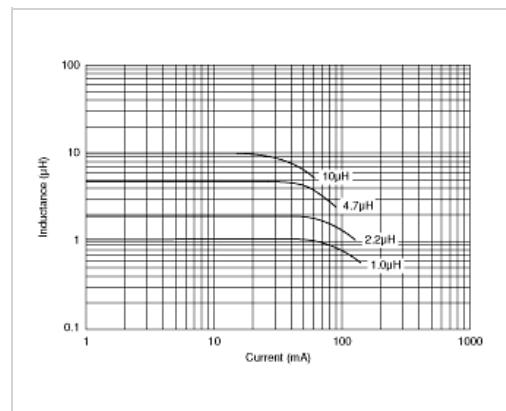
1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This datasheet has only typical specifications because there is no space for detailed specifications.

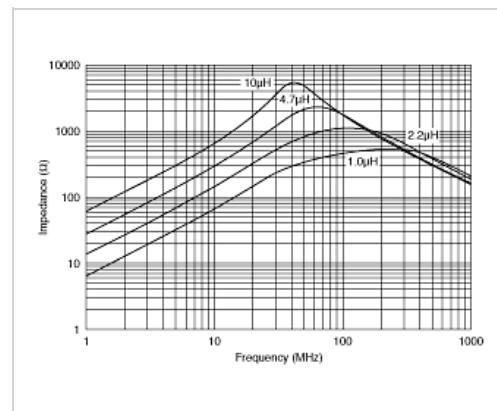
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

## 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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