

**muRata** Inductor Data Sheet

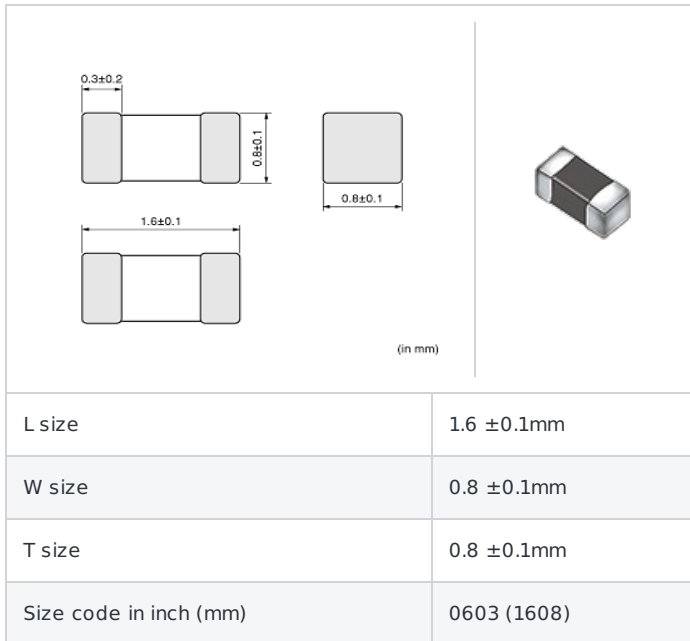
# LQM18FN4R7M00#

"#" indicates a package specification code.



< List of part numbers with package codes >  
LQM18FN4R7M00D , LQM18FN4R7M00J , LQM18FN4R7M00B

## Shape



## References

Packaging code	Specifications	Minimum quantity
D	φ 180mm Paper taping	4000
J	φ 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

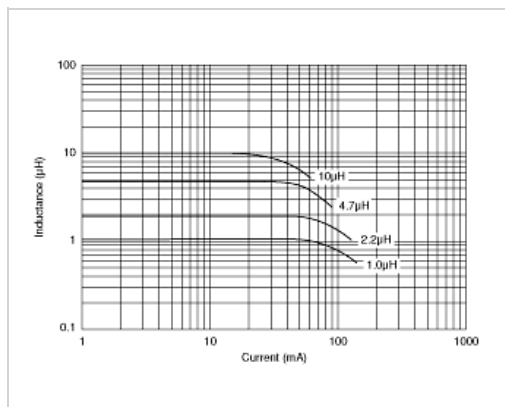
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### ⚠ Attention

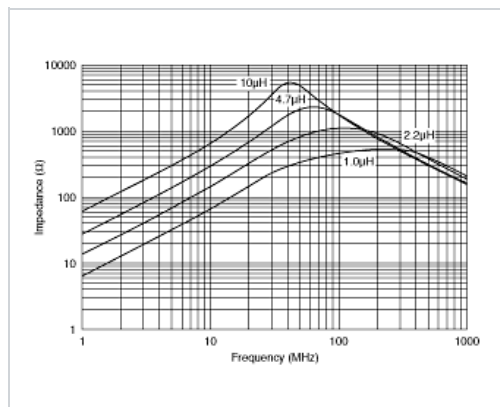
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## Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

" Inductance-Current characteristics (Typ.)



" Impedance-Frequency characteristics (Typ.)



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