

LQM18DN6R8M70#

“#” indicates a package specification code.

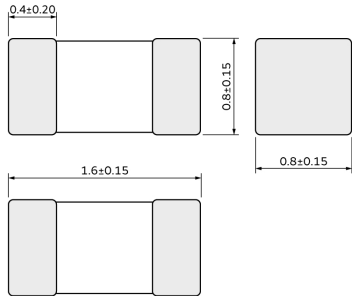
Bias Current Characteristics Improved



< List of part numbers with package codes >

LQM18DN6R8M70B LQM18DN6R8M70L

Appearance & Shape



(in mm)

References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
L	180Embossed Tape	4000

Mass (typ.)	
1 piece	0.005g

Attention

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Specifications

L size	1.6±0.15mm
W size	0.8±0.15mm
T size	0.8±0.15mm
Size code inch (mm)	0603 (1608)
Inductance	6.8μH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	120mA
Rated current (Itemp) (Based on Temperature rise)	330mA
Max. of DC resistance	0.96Ω
Class of magnetic shield	Ferrite Core
Self resonance frequency (min.)	40MHz
Brand	Murata
DC Resistance Intermediate Values	0.74±0.22Ω
Operating Temperature Range	-55°C to 125°C
Series	LQM18DN_70

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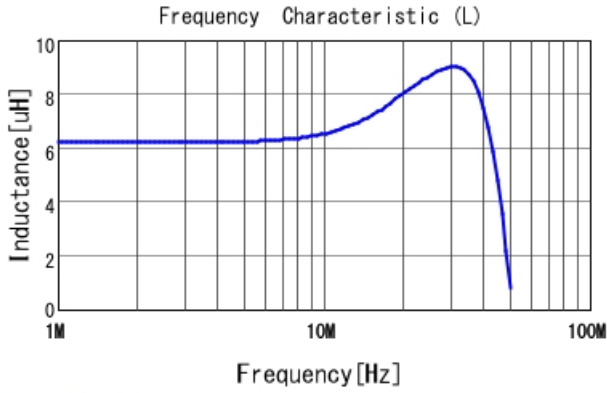
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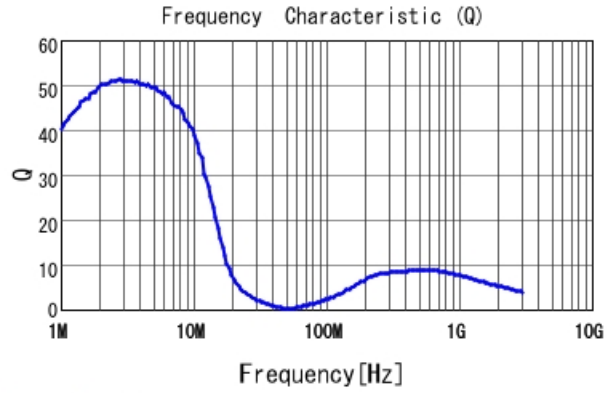


Characteristic Data

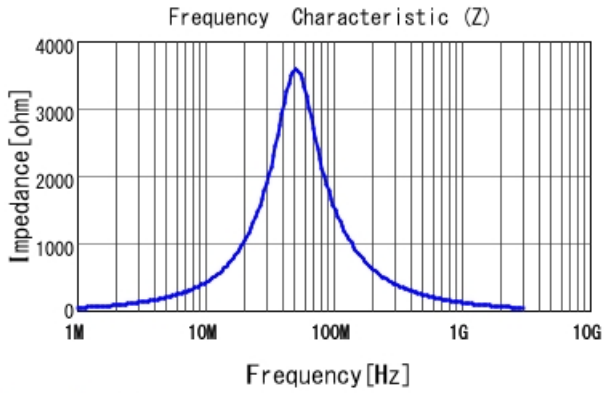
The charts below may show another part number which shares its characteristics.



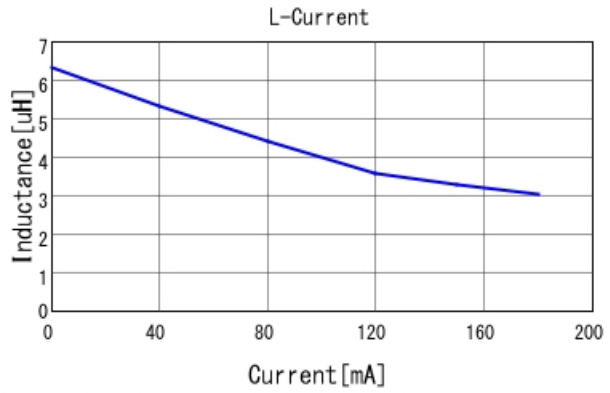
LQM18DN6R8M70 L



LQM18DN6R8M70 Q



LQM18DN6R8M70 |Z|



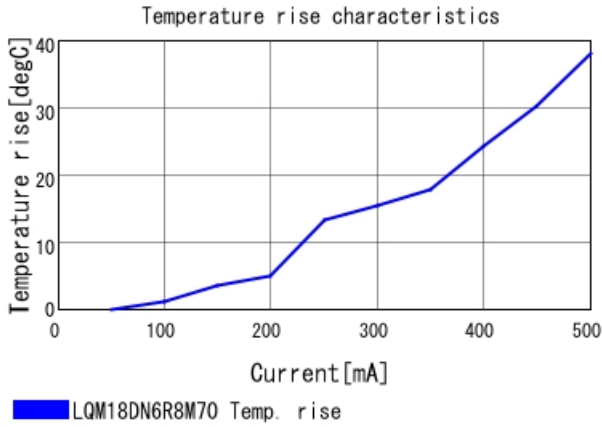
LQM18DN6R8M70 L-Current 20degC

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