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High Spec Type (Low DC Resistance / Good Bias Current Characteristics Type)

NRND RoHS REACH 85 °C max. Multi-layer Bias Reflow OK

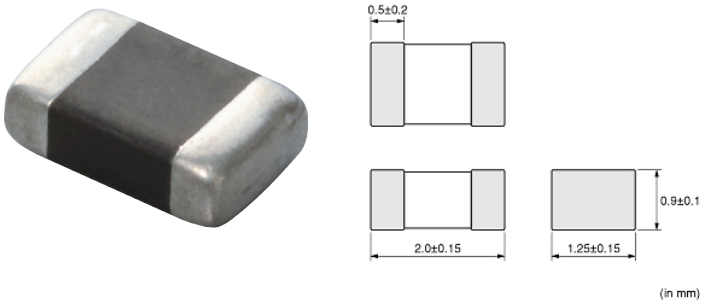
< List of part numbers with package codes >

LQM21PN1R5MGHB LQM21PN1R5MGHL

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.
Recommended Applications	Consumer equipment

Appearance & Shape



Notices

When rated current is applied to the products, inductance will be within ±30% of initial inductance value range. When rated current is applied to the products, the temperature rise caused by self-generated heat shall be limited to 40°C max. Keep the temperature (ambient temperature plus self-generation of heat) under 125°C.

Attention
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References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
L	180Embossed Tape	3000

Mass (typ.)	
1 piece	0.012g

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Specifications

L size	2.0±0.15mm
W size	1.25±0.15mm
T size	0.9±0.1mm
Size code inch (mm)	0805 (2012)
Inductance	1.5μH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	0.64A(Max) / 1.2A(Typ.)
Rated current (Itemp) (Based on Temperature rise)	1.4A(Max) / 1.8A(Typ.)
Max. of DC resistance	0.137Ω
DC resistance	0.11Ω(Typ.)
Class of magnetic shield	Shielded （Ferrite Core）
Self resonance frequency (min.)	50MHz
Brand	Murata
Operating Temperature Range	-40℃ to 85℃
Series	LQM21PN_GH

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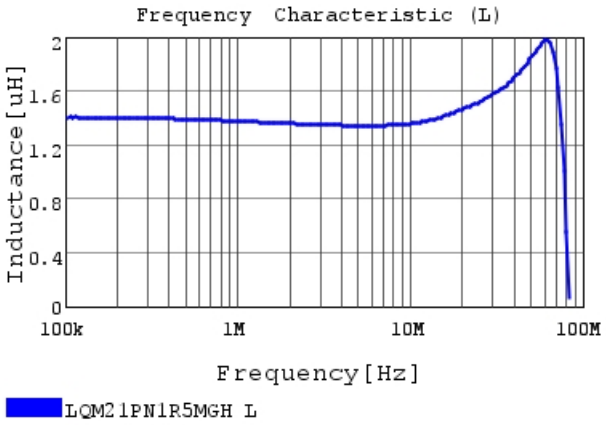
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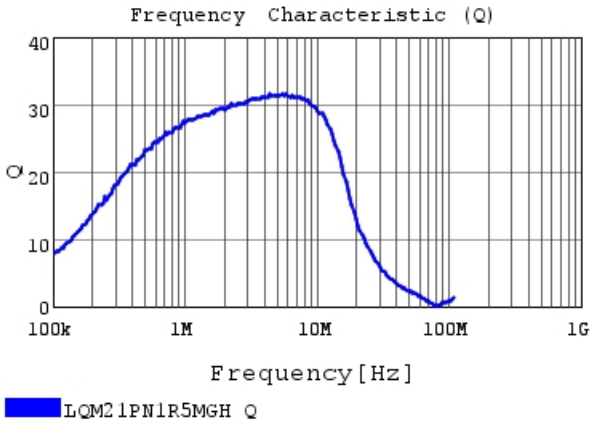
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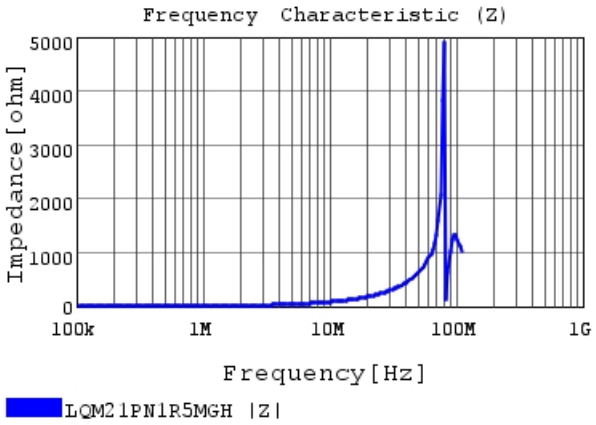
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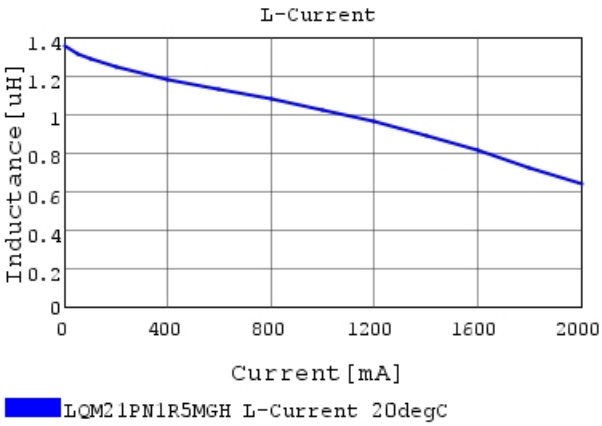
Characteristic Data

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









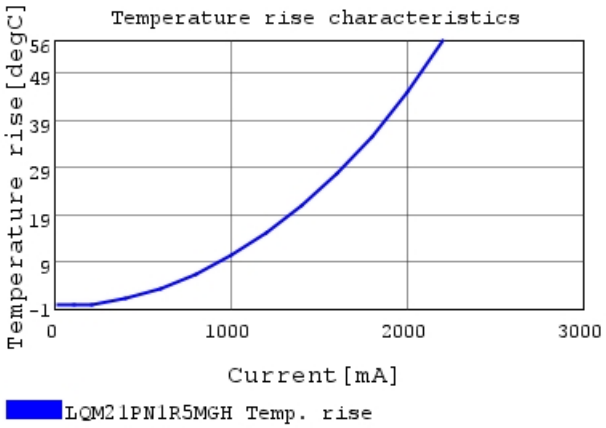
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