

LQW15CE2R2M10#

“#” indicates a package specification code.

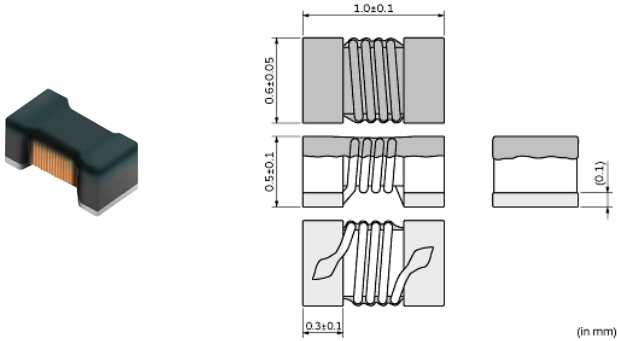
For Voltage Conversion, For Choke



< List of part numbers with package codes >

LQW15CE2R2M10B LQW15CE2R2M10D

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
D	180mm Paper Tape	10000

Mass (typ.)	
1 piece	0.001g

Attention

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Specifications

L size	1.0±0.1mm
W size	0.6±0.05mm
T size	0.5±0.1mm
Size code inch (mm)	0402 (1005)
Inductance	2200nH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	300mA
Rated current (Itemp) (Based on Temperature rise)	170mA(Ambient temp.85°C) 85mA(Ambient temp.125°C)
Max. of DC resistance	1.8Ω
Class of magnetic shield	No Shield
Self resonance frequency (min.)	100MHz
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Brand	Murata
Series	LQW15CE_10

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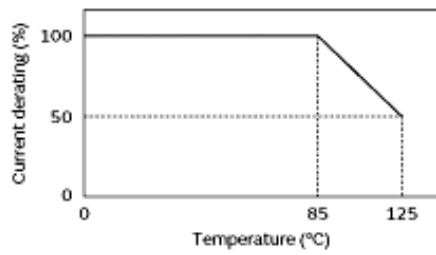


Notice For General

In operating temperatures exceeding +85°C, derating of current is necessary for this series.

Please apply the derating curve shown in the chart according to the operating temperature.

Derating of Rated Current



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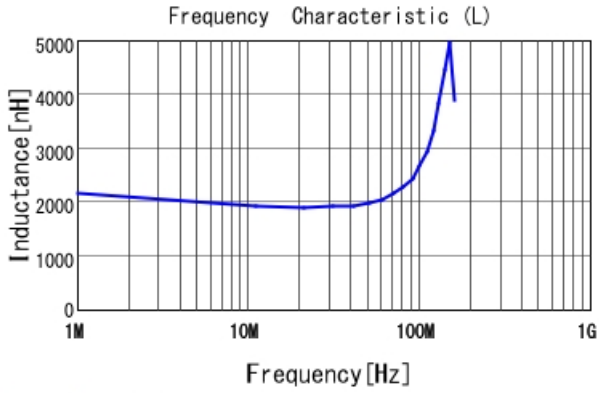
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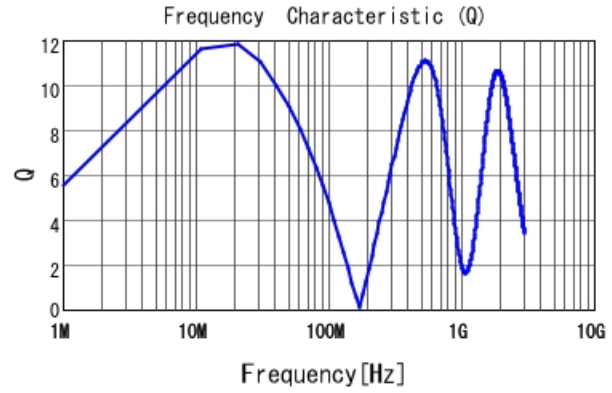


Characteristic Data

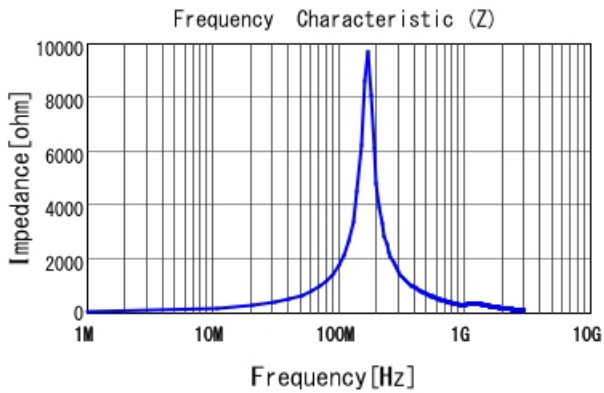
The charts below may show another part number which shares its characteristics.



LQW15CE2R2M10 L



LQW15CE2R2M10 Q



LQW15CE2R2M10 |Z|

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