

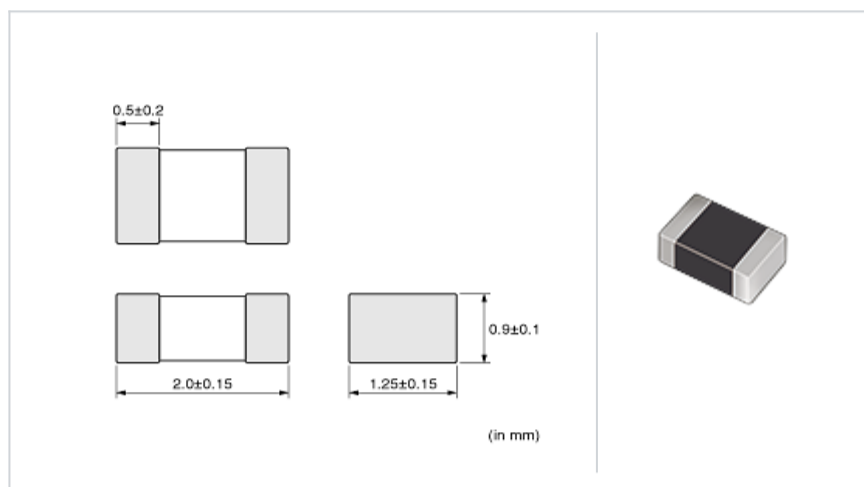
LQM21PN4R7MGR#

" # " indicates a package specification code.



< List of part numbers with package codes >
LQM21PN4R7MGRD , LQM21PN4R7MGRB

Shape



L size	2.0 ± 0.15mm
W size	1.25 ± 0.15mm
T size	0.9 ± 0.1mm
Size code in inch (mm)	0805 (2012)

Notes

In operating temperature exceeding +85 , derating of current is necessary for LQM21P_GR series.
Please apply the derating curve shown in chart according to the operating temperature.
Please confirm the below "Notice (Rating)".
When applied Rated current to the Products, temperature rise caused by self-generated heat shall be limited to 40 max.

References

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

Mass (Typ.)	
1 piece	0.012g

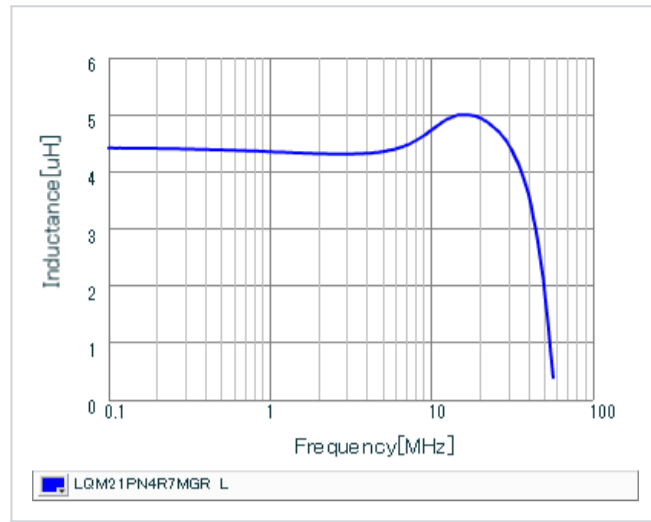
Specifications

Inductance	4.7μH ± 20%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	0.8A(Ambient temperature 85) 0.6A(Ambient temperature 125)
Max. of DC resistance	0.288
Avg. of DC resistance	0.23 ± 25%
Self resonance frequency (min.)	30MHz
Operating temperature range	-55 ~ 125
Class of magnetic shield	Magnetic shield of ferrite

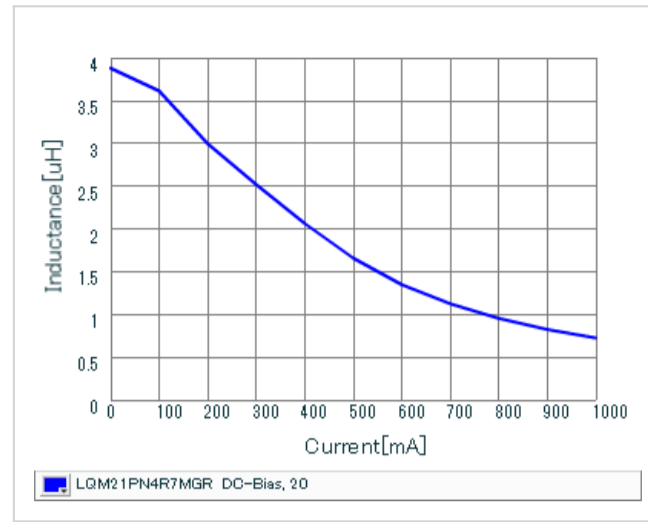
Attention

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- 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.

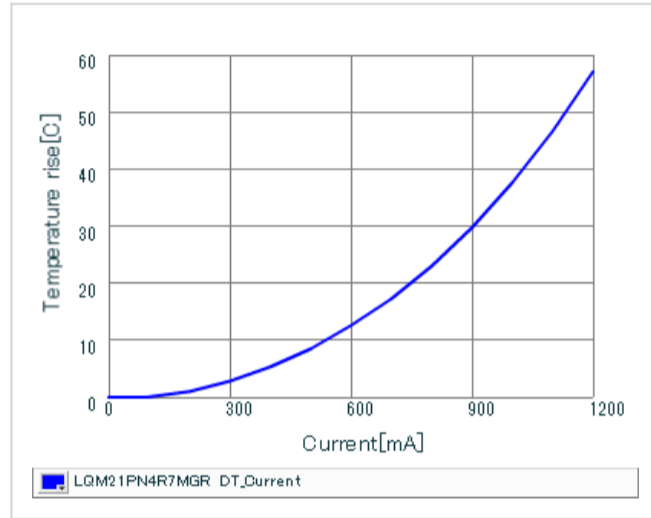
▪ Inductance-Frequency characteristics (Typ.)



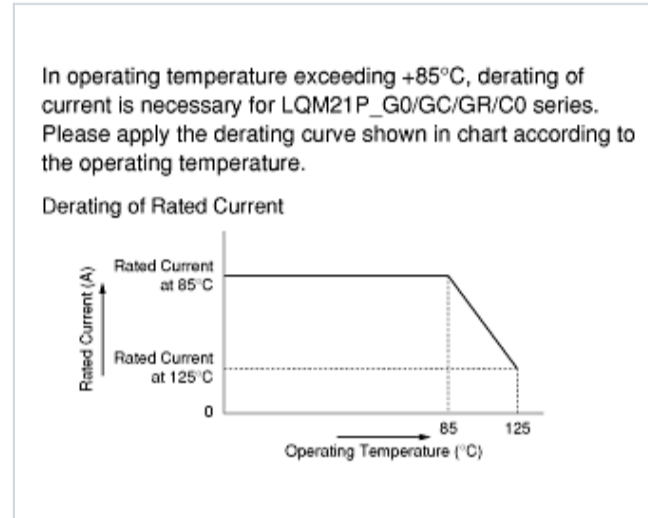
▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



▪ Notice (Rating)



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