

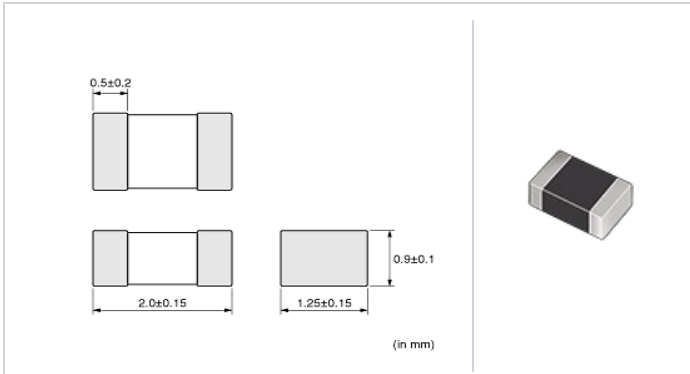
LQM21PN1R0NGR#

"#" indicates a package specification code.



< List of part numbers with package codes >
 LQM21PN1R0NGRD , LQM21PN1R0NGRB

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 temperatures exceeding +85°C, derating of current is necessary for the LQM21P_GR series.
 Please apply the derating curve shown in the chart according to the operating temperature.
 Please consider "Notice (Rating)."
 When rated current is applied to the products, the temperature rise caused by self-generated heat shall be limited to 40°C max.

References

Packaging code	Specifications	Minimum quantity
D	φ180mm Paper taping	4000
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.012g

Specifications

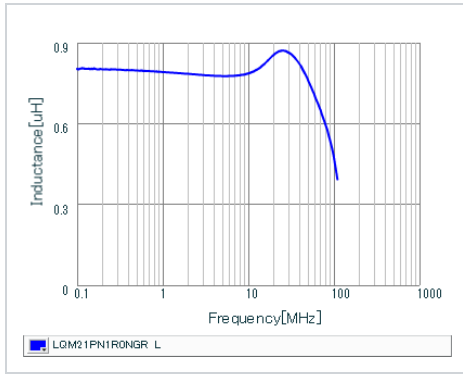
Inductance	1.0μH ±30%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	1.3A(Ambient temp.85°C) 0.95A(Ambient temp.125°C)
Max. of DC resistance	0.0825Ω
Avg. of DC resistance	0.066Ω±25%
Self resonance frequency (min.)	50MHz
Operating temperature range	-55~125°C
Class of magnetic shield	Ferrite Core
Series	LQM21PN_GR

Attention

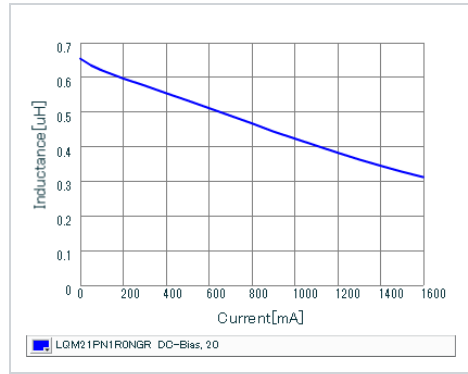
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

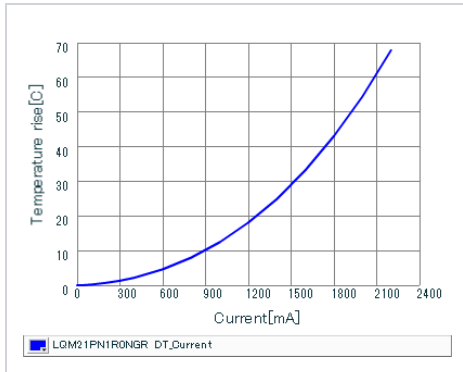
▪ Inductance-Frequency characteristics (Typ.)



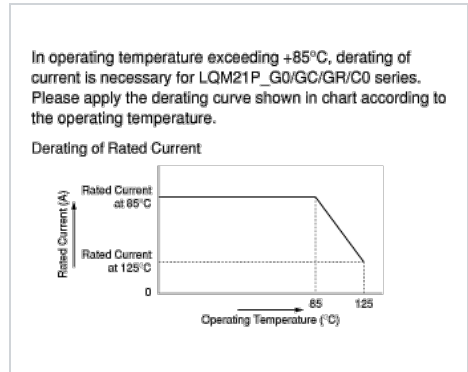
▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



▪ Notice (Rating)



⚠ Attention

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