

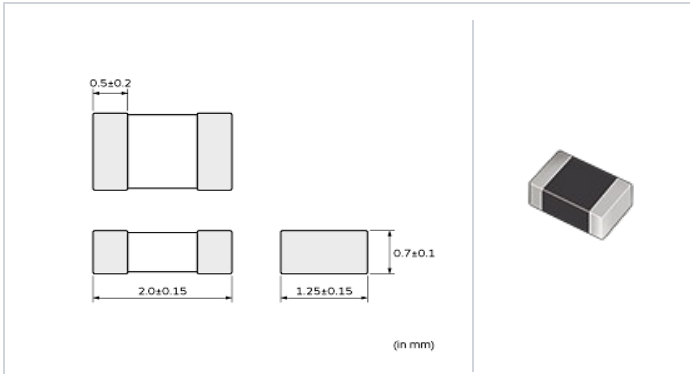
LQM21PN1R5MEH#

indicates a package specification code.



< List of part numbers with package codes >
LQM21PN1R5MEHD , LQM21PN1R5MEHB

Shape



L size	2.0 ±0.15mm
W size	1.25 ±0.15mm
T size	0.7 ±0.1mm
Size code in inch (mm)	0805 (2012)

Notes

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.

References

Packaging code	Specifications	Minimum quantity
D	φ180mm Paper taping	3000
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.010g

Specifications

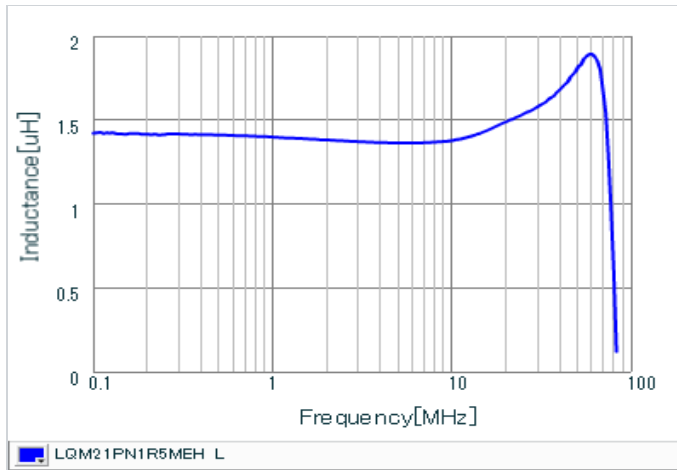
Inductance	1.5μH ±20%
Inductance test frequency	1MHz
Rated current (I _{sat}) (Based on Inductance change)	0.4A(Max.) / 0.55A(Typ.)
Rated current (I _{temp}) (Based on Temperature rise)	1.5A(Max.) / 1.8A(Typ.)
Max. of DC resistance	0.125Ω
Avg. of DC resistance	0.1Ω(typ.)
Self resonance frequency (min.)	40MHz
Operating temperature range	-40~85°C
Class of magnetic shield	Ferrite Core
Series	LQM21PN_EH

Attention

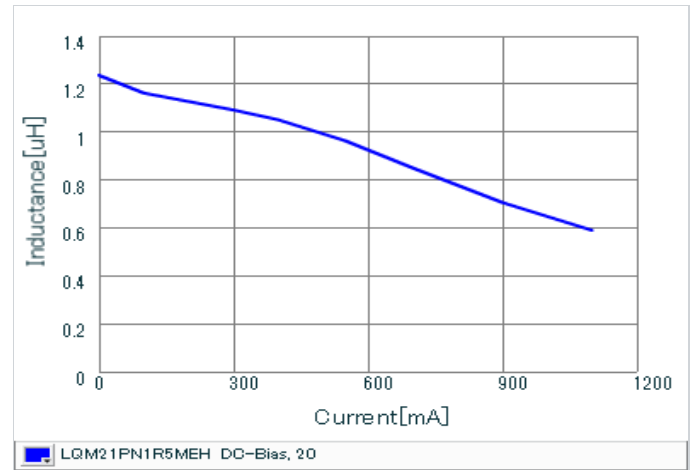
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

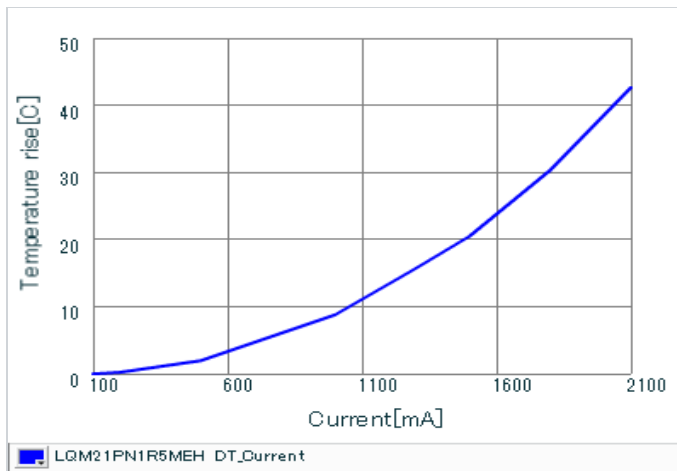
Inductance-Frequency characteristics (Typ.)



Inductance-Current characteristics (Typ.)



Temperature rise characteristics (Typ.)



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