

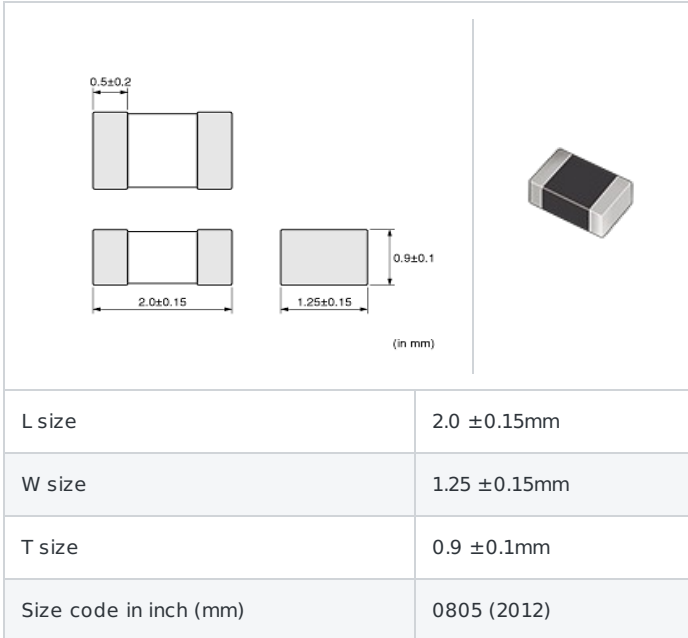
LQM21PN2R2MGH#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQM21PN2R2MGHL , LQM21PN2R2MGHB

Shape



Notes

When applied Rated current to the Products, Inductance will be within ±30% of initial inductance value range.
When applied Rated current to the Products, 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
L	φ 180mm Embossed taping	3000
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.012g

Specifications

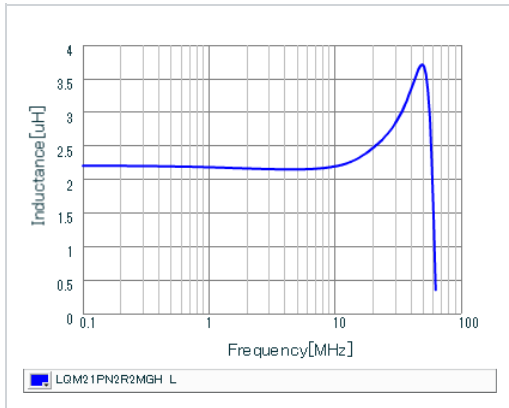
Inductance	2.2μH ±20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	0.45A(Max) / 0.7A(Typ.)
Rated current (Itemp) (Based on Temperature rise)	1.3A(Max) / 1.7A(Typ.)
Max. of DC resistance	0.156Ω
Avg. of DC resistance	0.125Ω(typ.)
Self resonance frequency (min.)	40MHz
Operating temperature range	-40~85°C
Class of magnetic shield	Ferrite Core

⚠ Attention

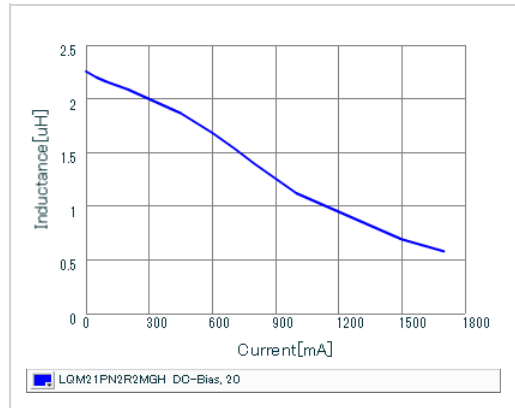
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

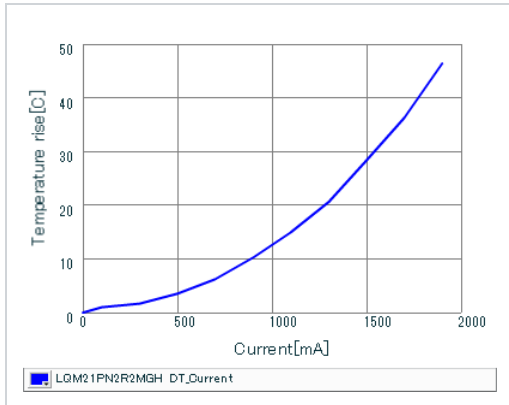
Inductance-Frequency characteristics (Typ.)



Inductance-Current characteristics (Typ.)



Temperature rise characteristics (Typ.)



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