

LQM2HPNR68MGH#

“ # ” indicates a package specification code.

New

Available

General

85℃

Multi-layer

LowRdc

Bias

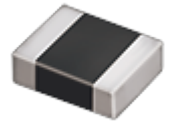
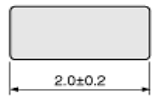
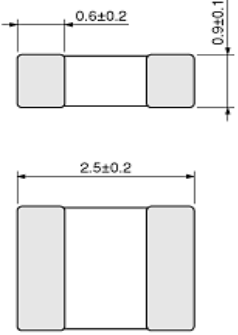
Thickness
1.0mm max.

Reflow OK

RoHS

< List of part numbers with package codes >
LQM2HPNR68MGHL

Shape



(in mm)

L size	2.5 ± 0.2mm
W size	2.0 ± 0.2mm
T size	0.9 ± 0.1mm
Size code in inch (mm)	1008 (2520)

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℃ max.
Keep the temperature (ambient temperature plus self-generation of heat) under 125℃.

References

Packaging code	Specifications	Minimum quantity
L	180mm Embossed taping	3000

Mass (Typ.)	
1 piece	0.022g

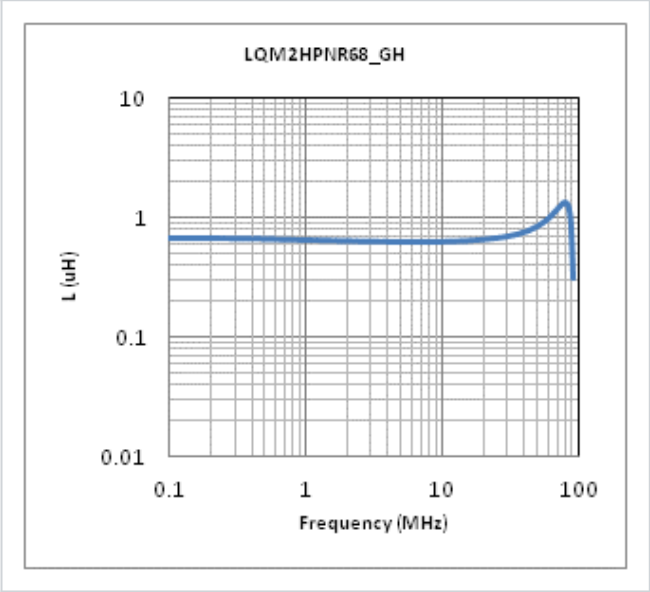
Specifications

Inductance	0.68μH ± 20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	3.8A(Max) / 4.0A(Typ.)
Rated current (Itemp) (Based on Temperature rise)	2.3A(Max) / 2.9A(Typ.)
Max. of DC resistance	63mΩ (Max) / 50mΩ (Typ.)
Self resonance frequency (min.)	60MHz
Operating temperature range	-40 ~ 85
Class of magnetic shield	Magnetic shield of ferrite

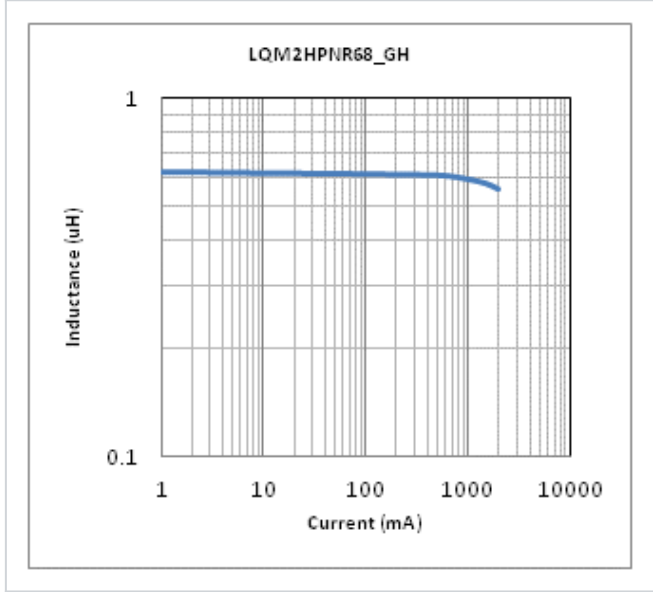
⚠ Attention

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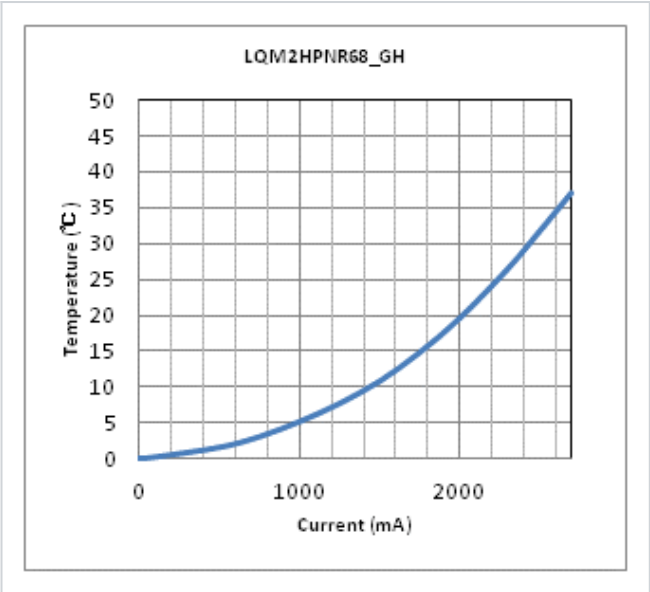
Inductance-Frequency characteristics (Typ.)



Inductance-Current characteristics (Typ.)



Temperature rise characteristics (Typ.)



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