

LQM2HPNR68MCH#

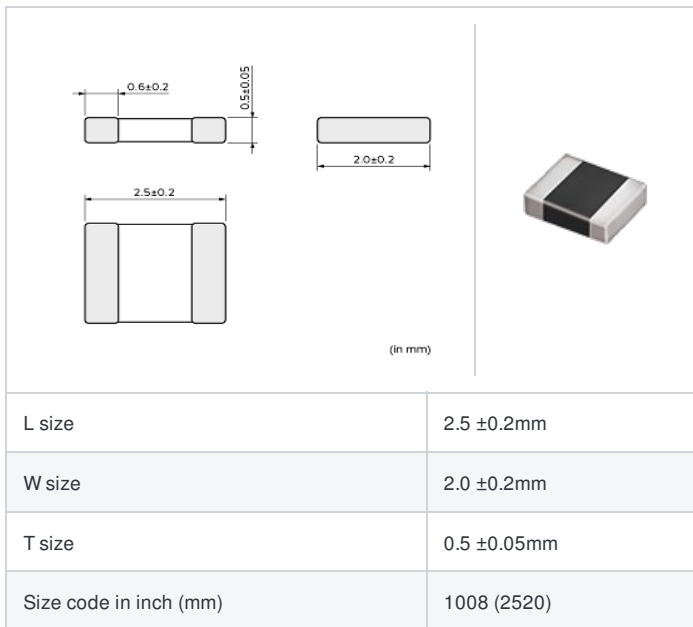
"#" indicates a package specification code.



< List of part numbers with package codes >

LQM2HPNR68MCHL , LQM2HPNR68MCHK , LQM2HPNR68MCHB

Shape



Notes

When rated current is applied to the products, inductance will be within $\pm 30\%$ 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
L	φ180mm Embossed taping	3000
K	φ330mm Embossed taping	10000
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.014g

Specifications

Inductance	0.68μH $\pm 20\%$
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	1.1A(Max.) / 1.3A(Typ.)
Rated current (Itemp) (Based on Temperature rise)	1.5A(Max.) / 1.8A(Typ.)
Max. of DC resistance	0.15Ω
Avg. of DC resistance	0.12Ω (typ.)
Self resonance frequency (min.)	60MHz
Operating temperature range	-40°C to 85°C
Class of magnetic shield	Ferrite Core
Series	LQM2HPN_CH

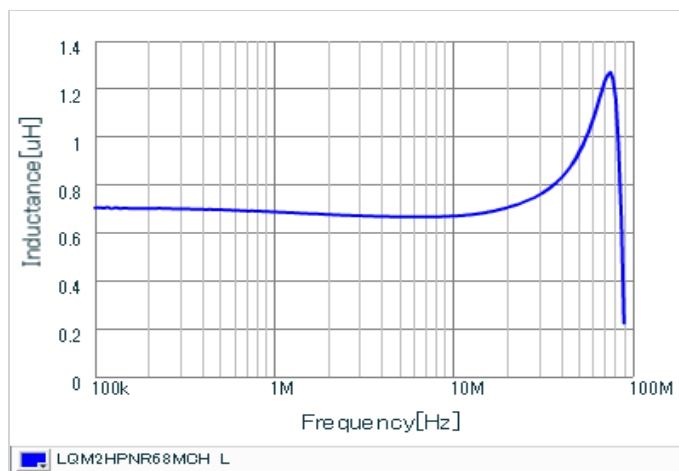
1 of 2

Attention

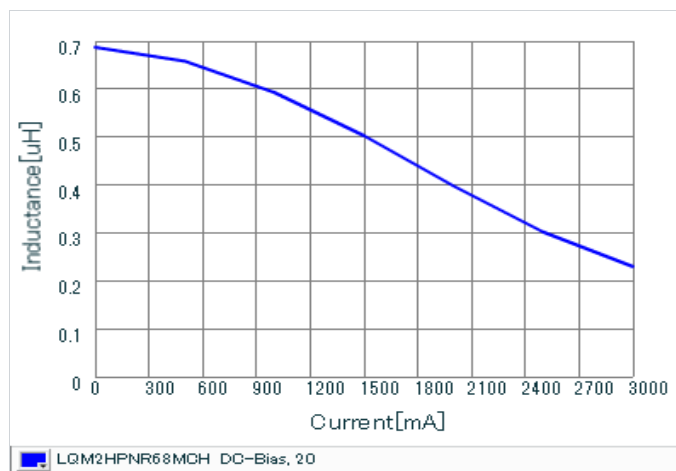
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

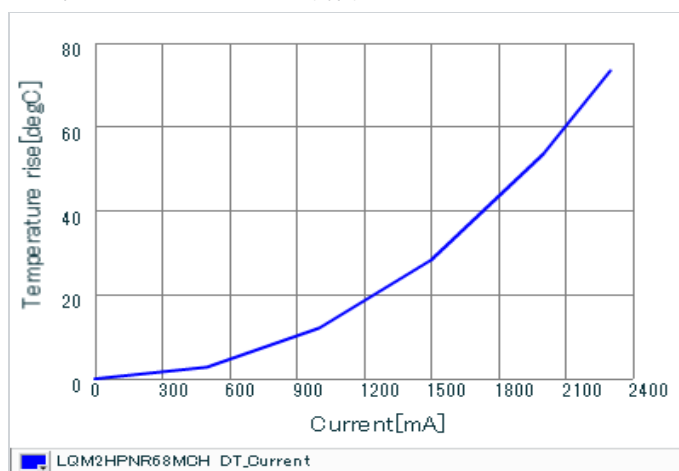
■ Inductance-Frequency characteristics (Typ.)



■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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