

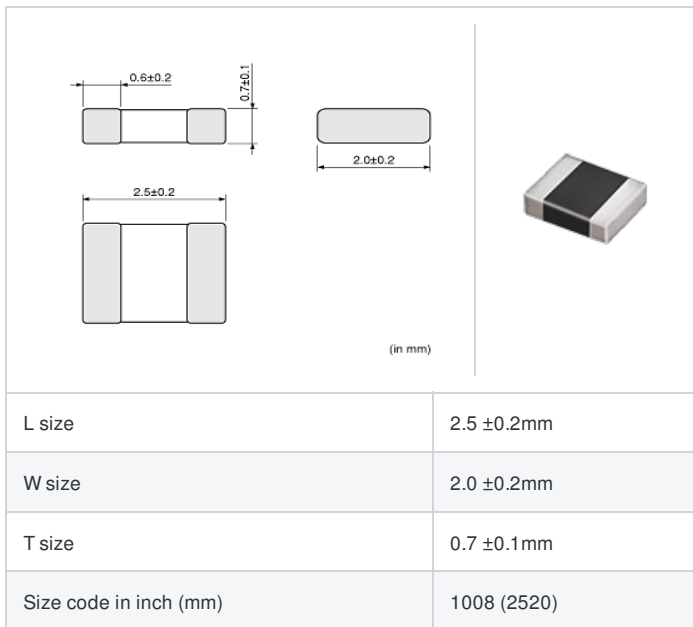
LQM2HPNR47MEH#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQM2HPNR47MEHL , LQM2HPNR47MEHB

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
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.016g

Specifications

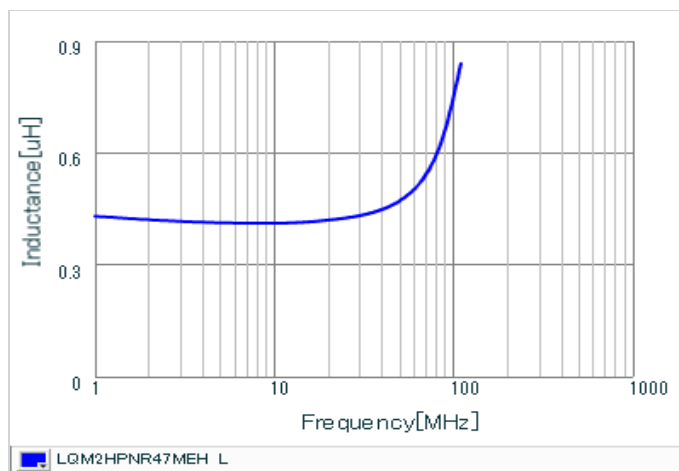
Inductance	0.47μH $\pm 20\%$
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	4.0A(Max) / 4.3A(Typ.)
Rated current (Itemp) (Based on Temperature rise)	2.2A(Max) / 2.6A(Typ.)
Max. of DC resistance	0.069Ω
Avg. of DC resistance	0.055Ω (typ.)
Self resonance frequency (min.)	80MHz
Operating temperature range	-40°C to 85°C
Class of magnetic shield	Ferrite Core
Series	LQM2HPN_EH

Attention

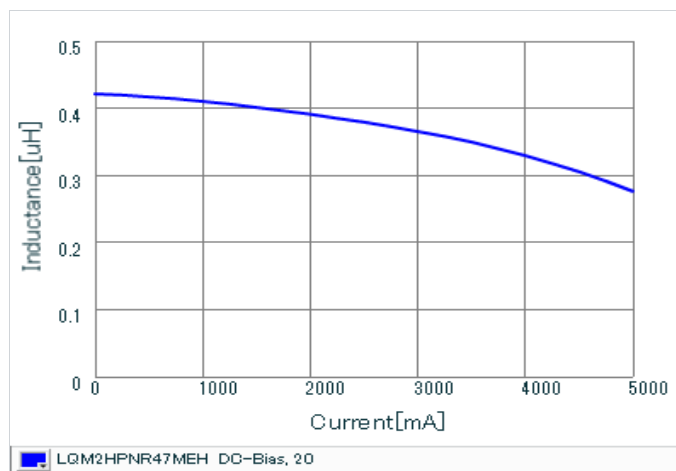
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

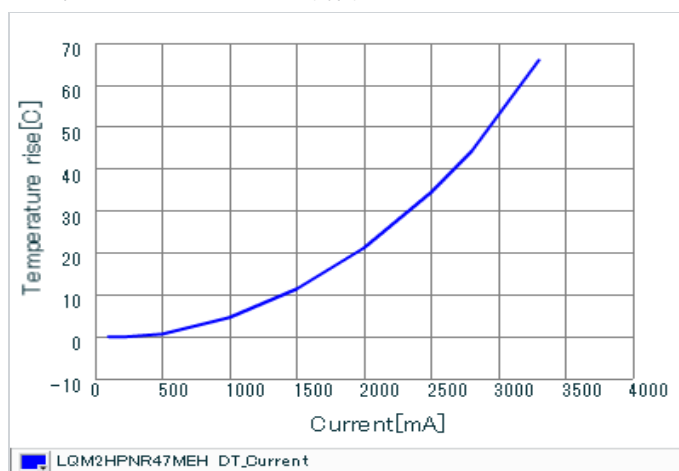
■ Inductance-Frequency characteristics (Typ.)



■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



⚠ Attention

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