

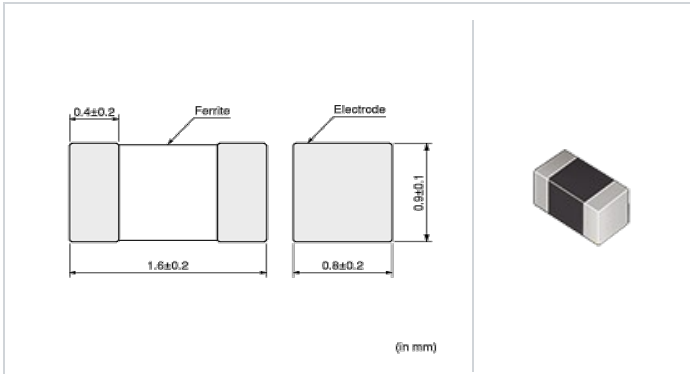
# LQM18PN2R2MGH#

# indicates a package specification code.



< List of part numbers with package codes >  
 LQM18PN2R2MGHD , LQM18PN2R2MGHB

## Shape



L size	1.6 ±0.2mm
W size	0.8 ±0.2mm
T size	0.9 ±0.1mm
Size code in inch (mm)	0603 (1608)

## Notes

When rated current is applied to the products, inductance will be within ±30% of initial inductance value.  
 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	φ 180mm Paper taping	4000
B	Packing in bulk	1000

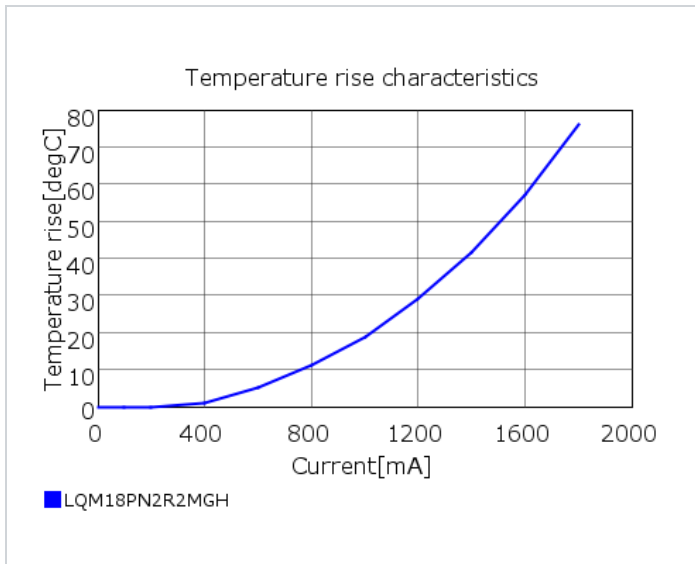
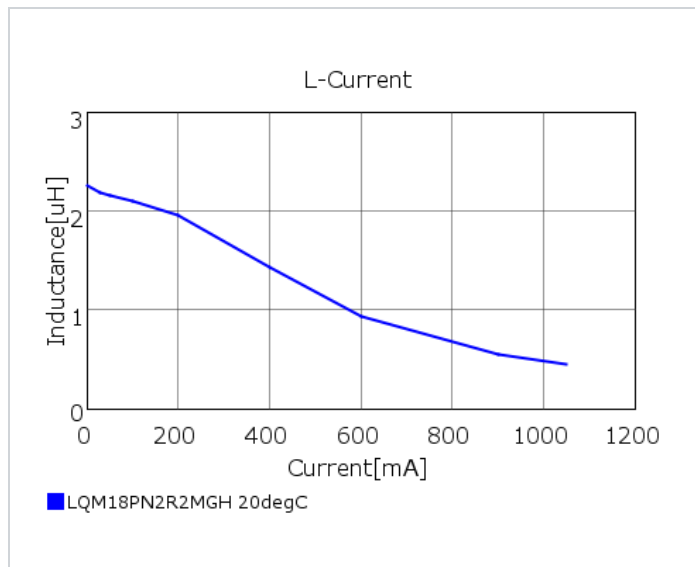
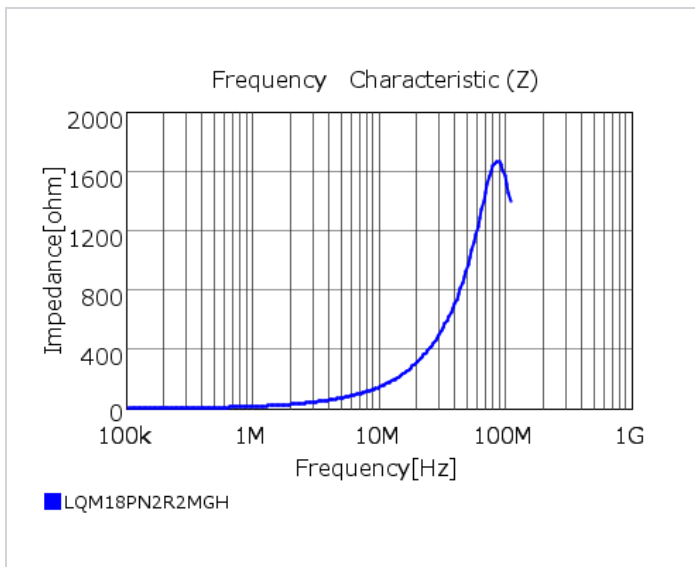
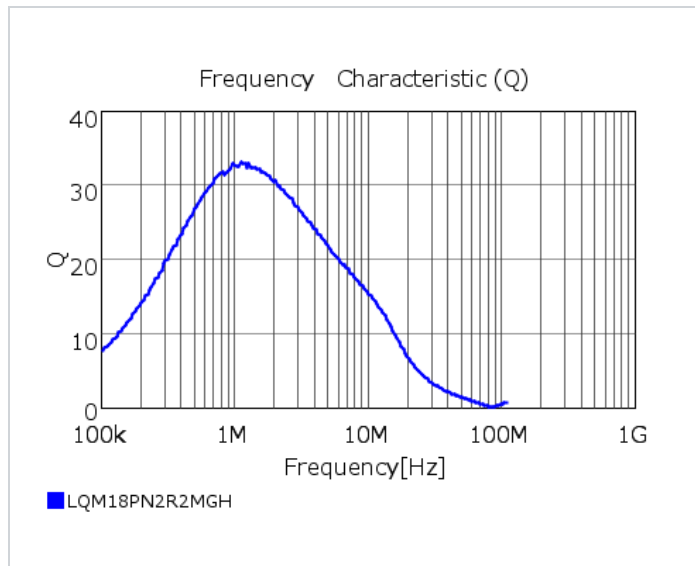
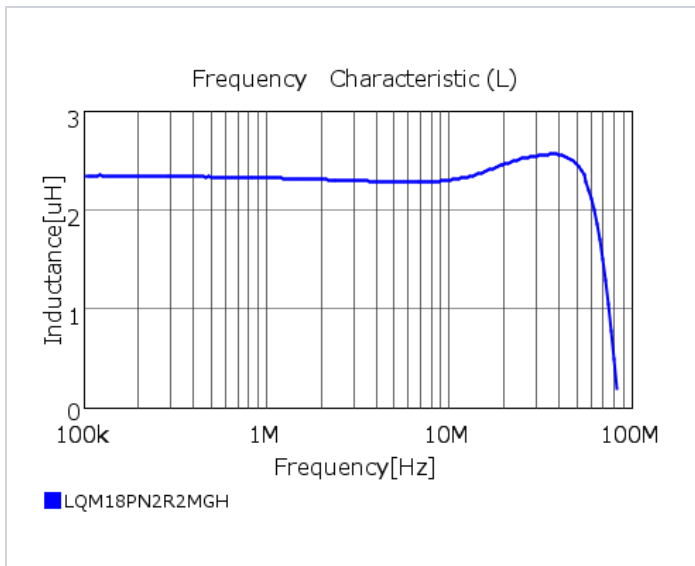
Mass (Typ.)	
1 piece	0.006g

## Specifications

Inductance	2.2μH ±20%
Inductance test frequency	1MHz
Rated current (I <sub>sat</sub> ) (Based on Inductance change)	0.25A(Max) / 0.35A(Typ.)
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	1.05A(Max) / 1.15A(Typ.)
Max. of DC resistance	0.25Ω
Avg. of DC resistance	0.2Ω (typ.)
Self resonance frequency (min.)	70MHz
Operating temperature range	-40°C to 85°C
Class of magnetic shield	Ferrite Core
Series	LQM18PN_GH

### Attention

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