

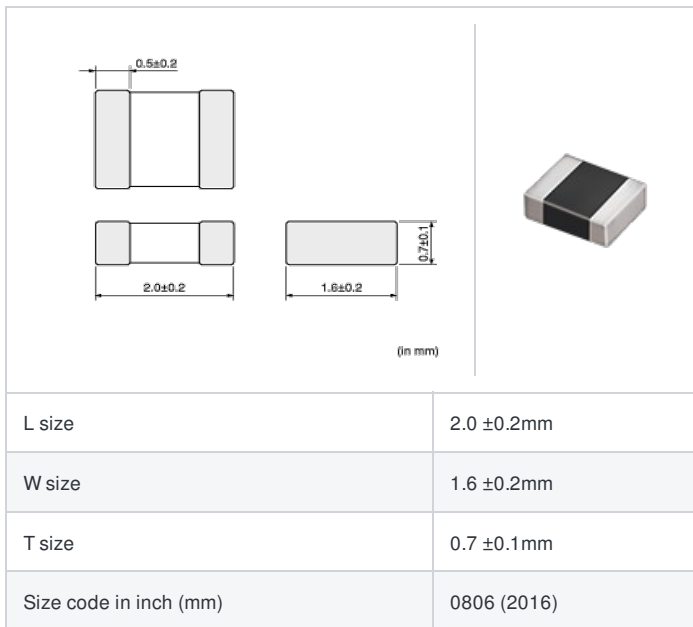
# LQM2MPNR47MEH#

"#" indicates a package specification code.



< List of part numbers with package codes >  
LQM2MPNR47MEHL , LQM2MPNR47MEHB

## Shape



## Notes

When rated current is applied to the products, inductance will be within ±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

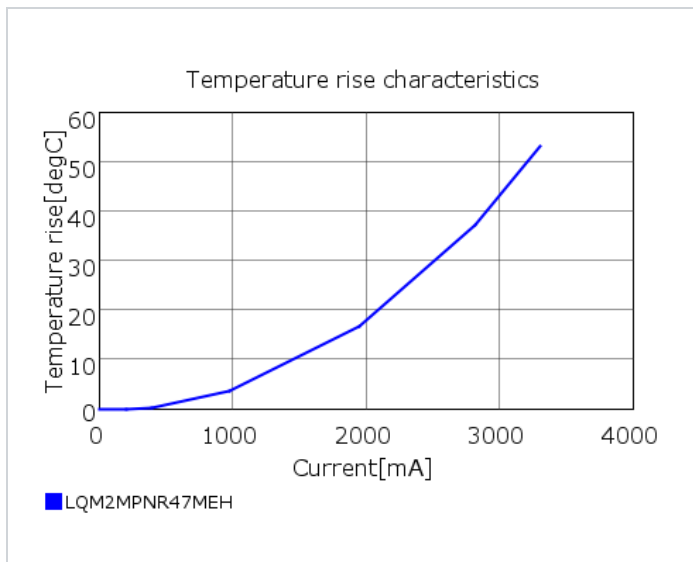
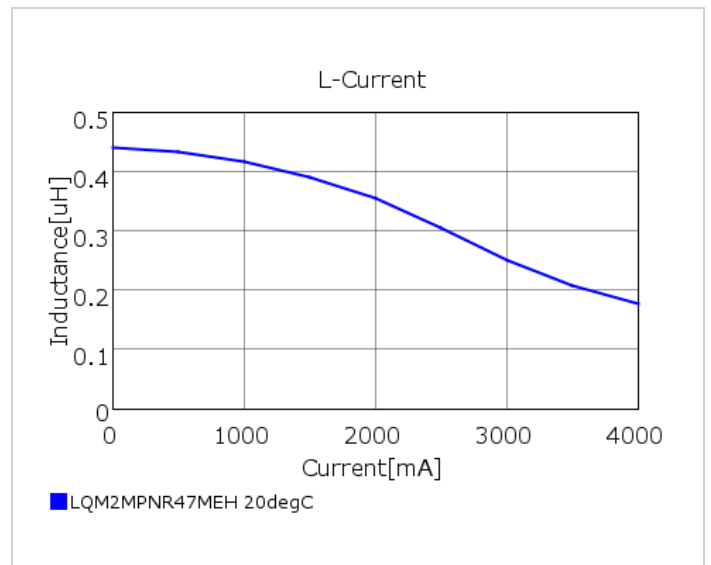
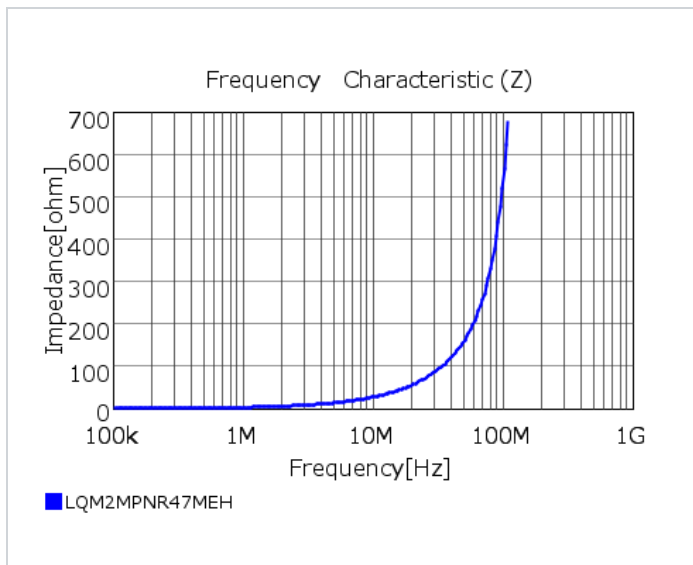
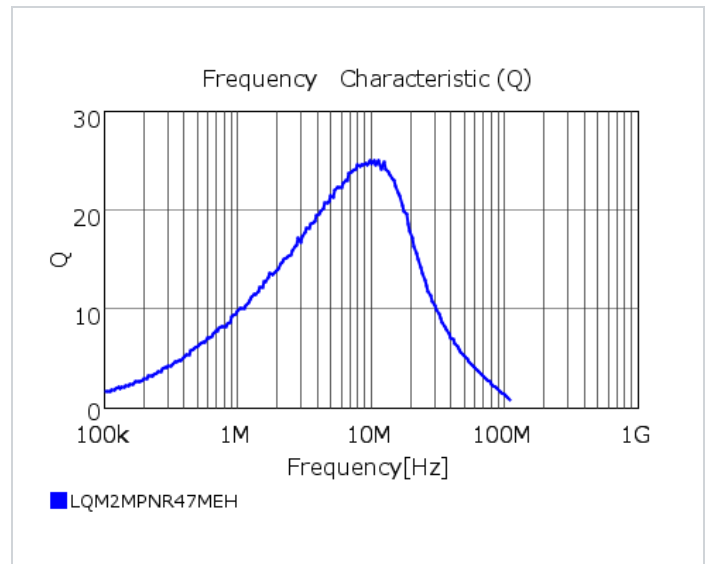
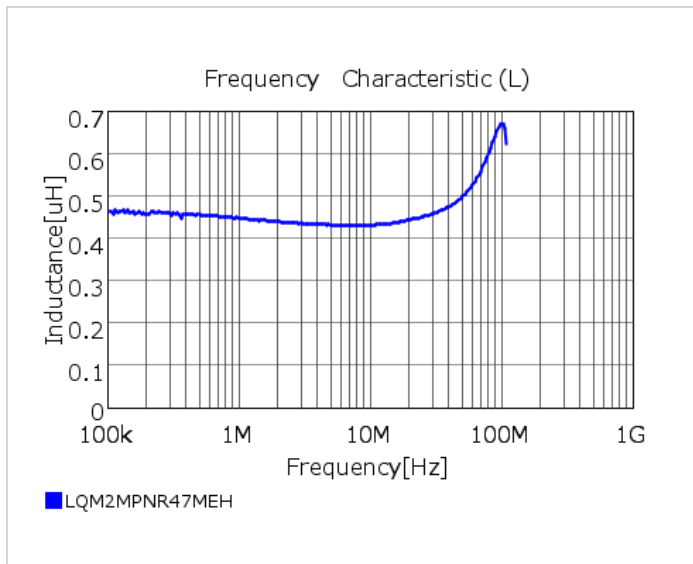
Mass (Typ.)	
1 piece	0.010g

## Specifications

Inductance	0.47μH ±20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	2.3A(Max) / 2.5A(Typ.)
Rated current (Itemp) (Based on Temperature rise)	2.15A(Max) / 2.8A(Typ.)
Max. of DC resistance	0.063Ω
Avg. of DC resistance	0.05Ω (typ.)
Self resonance frequency (min.)	80MHz
Operating temperature range	-40°C to 85°C
Class of magnetic shield	Ferrite Core
Series	LQM2MPN_EH

### Attention

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