

LQM21PNR47MCH#

*# indicates a package specification code.



< List of part numbers with package codes >
 LQM21PNR47MCHD , LQM21PNR47MCHJ , LQM21PNR47MCHB

Shape



L size	2.0 ± 0.15mm
W size	1.25 ± 0.15mm
T size	0.5 ± 0.05mm
Size code in inch (mm)	0805 (2012)

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
D	φ 180mm Paper taping	3000
J	φ 330mm Paper taping	10000
B	Packing in bulk	1000

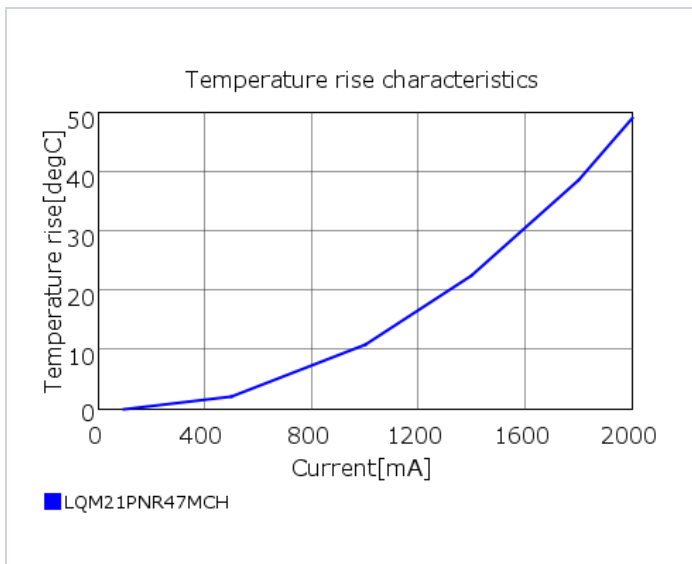
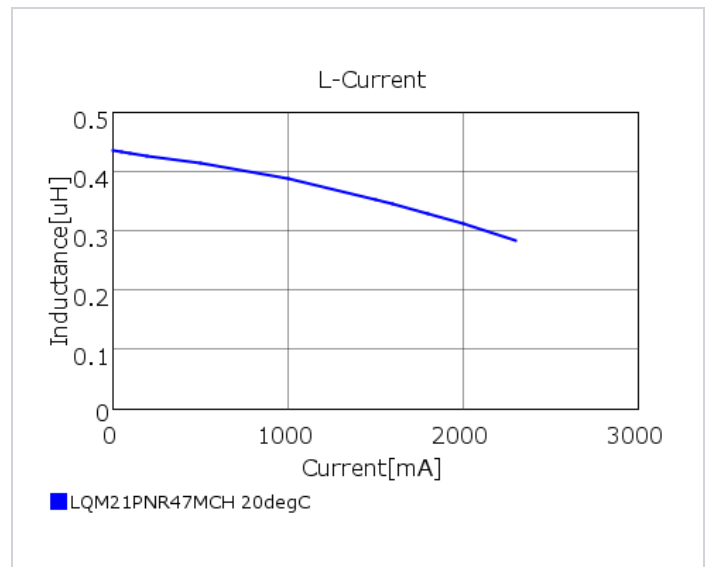
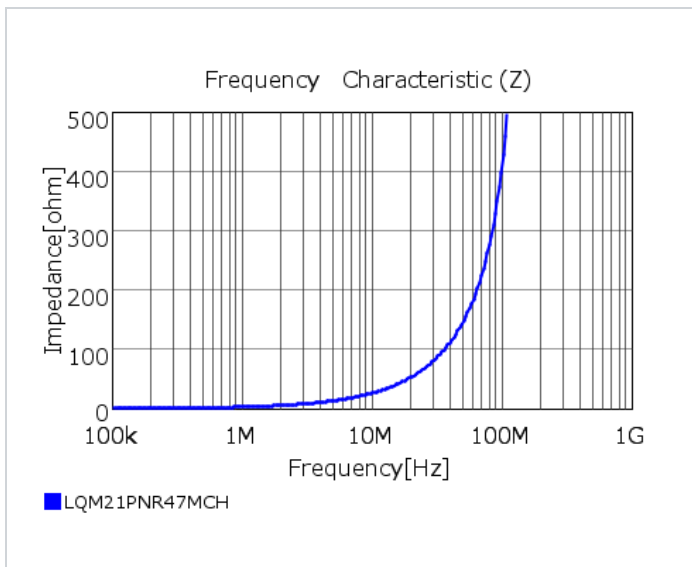
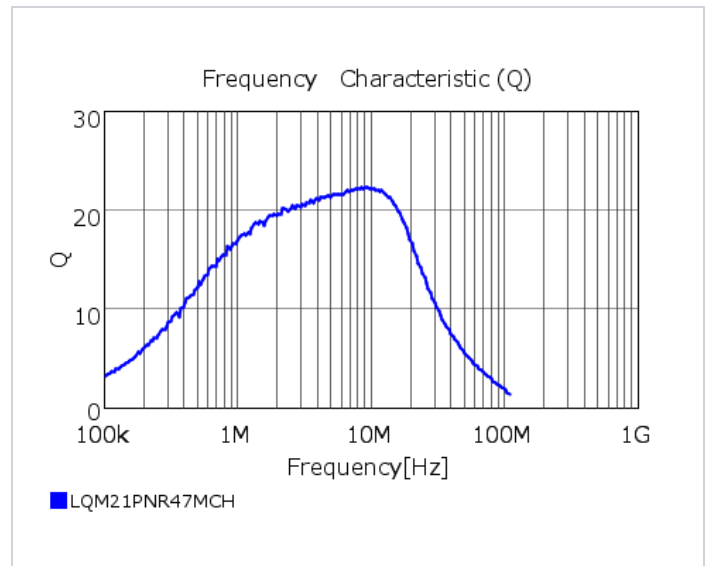
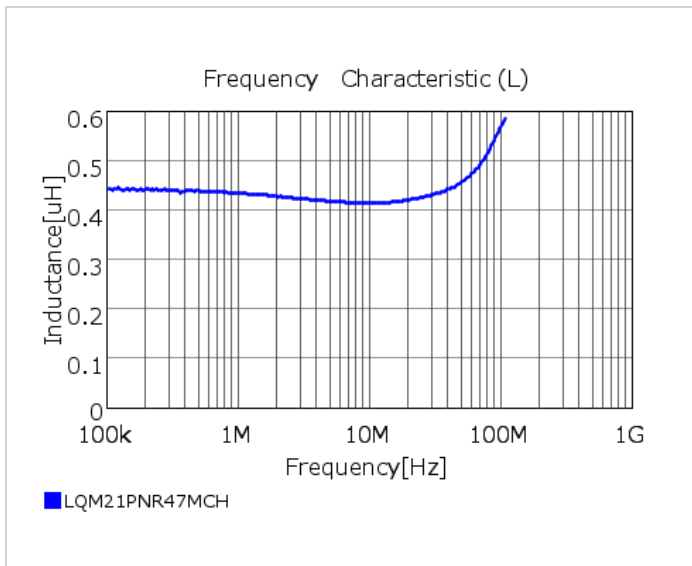
Mass (Typ.)	
1 piece	0.007g

Specifications

Inductance	0.47μH ±20%
Inductance test frequency	1MHz
Rated current (I _{sat}) (Based on Inductance change)	1.6A(Max.) / 1.8A(Typ.)
Rated current (I _{temp}) (Based on Temperature rise)	1.4A(Max.) / 1.8A(Typ.)
Max. of DC resistance	0.138Ω
Avg. of DC resistance	0.11Ω (typ.)
Self resonance frequency (min.)	80MHz
Operating temperature range	-40°C to 85°C
Class of magnetic shield	Ferrite Core
Series	LQM21PN_CH

Attention

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