

# LQH3NPN4R7MMR#

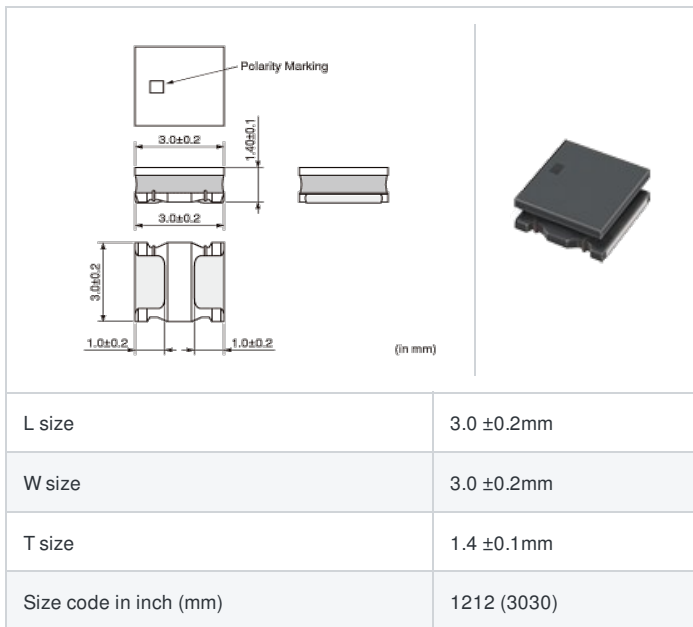
"#" indicates a package specification code.



< List of part numbers with package codes >

LQH3NPN4R7MMRE , LQH3NPN4R7MMRF

## Shape



## Notes

When rated current is applied to the products, inductance will be within  $\pm 30\%$  of nominal 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
F	φ330mm Embossed taping	8000
E	φ180mm_Embossed taping	2000

Mass (Typ.)	
1 piece	0.051g

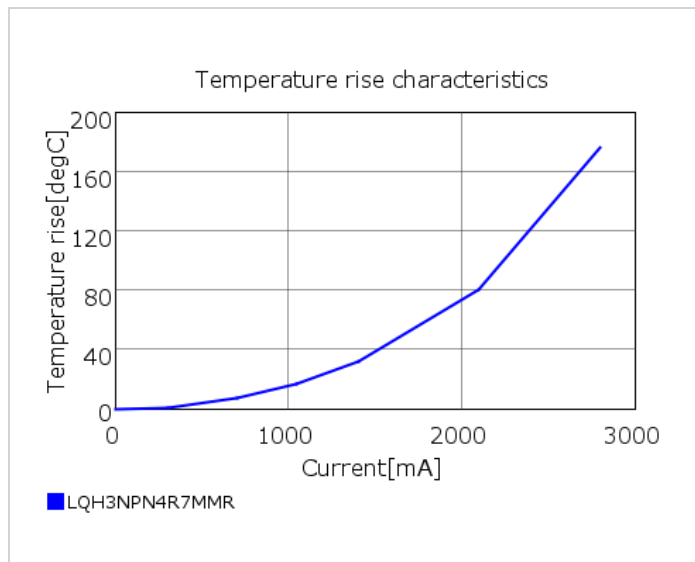
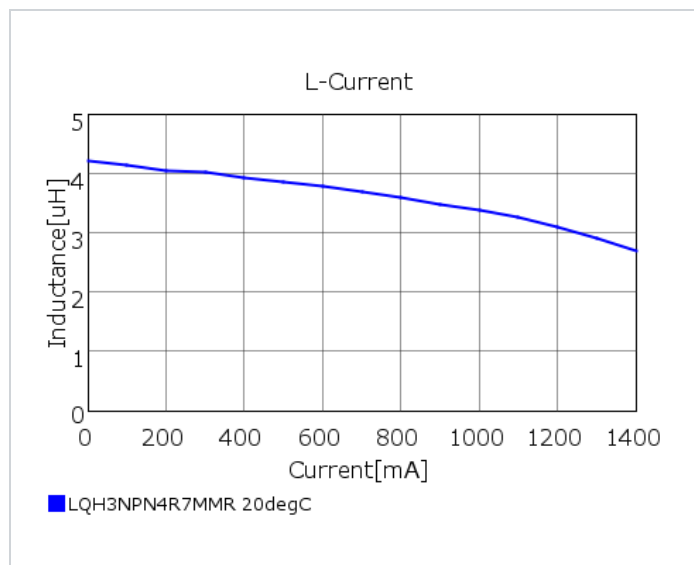
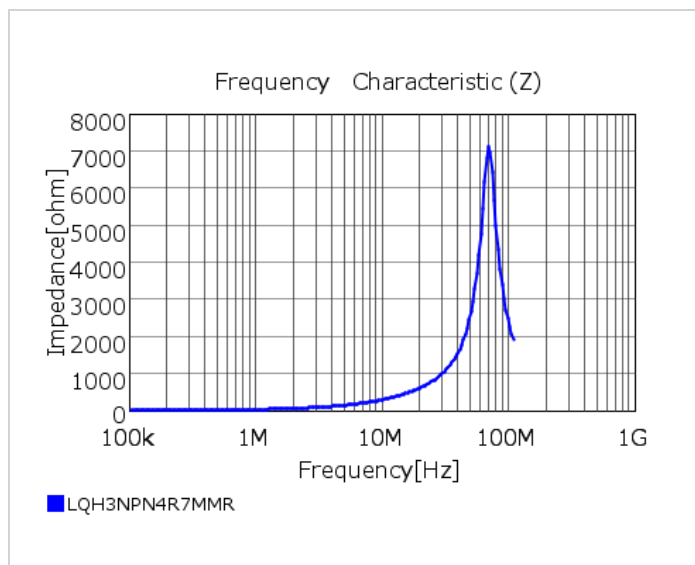
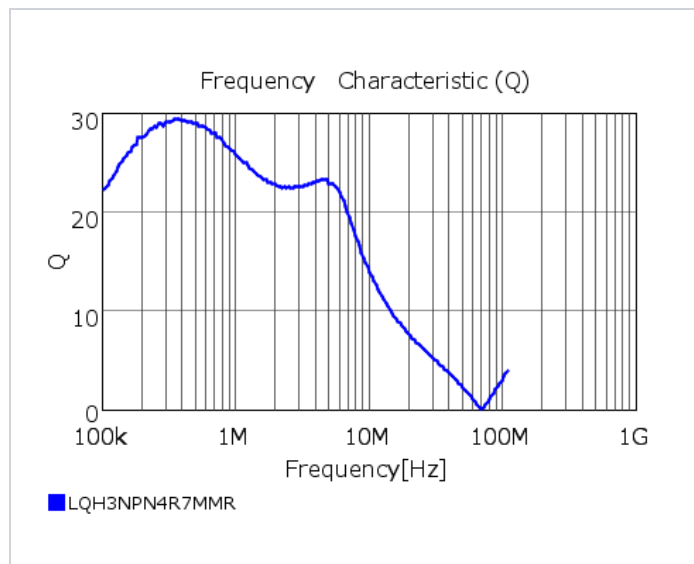
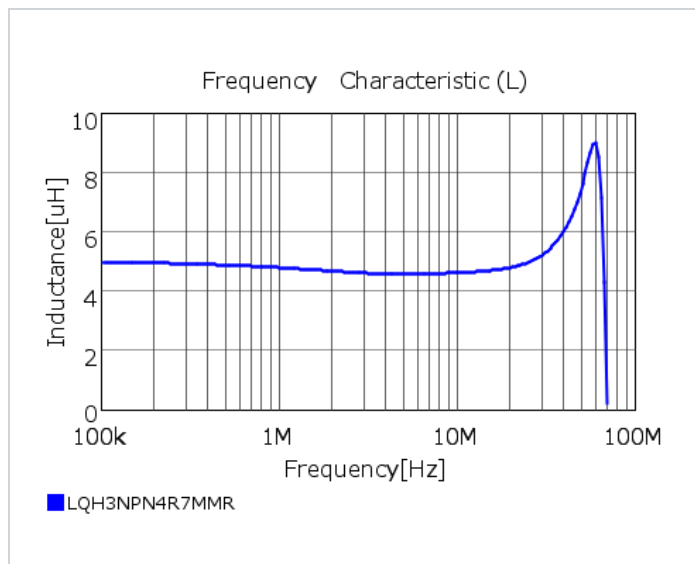
## Specifications

Inductance	4.7μH ±20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	950mA
Rated current (Itemp) (Based on Temperature rise)	1400mA
Max. of DC resistance	0.126Ω
Avg. of DC resistance	0.105Ω ±20%
Self resonance frequency (min.)	57MHz
Operating temperature range (Self-temperature rise is included)	-40°C to 125°C
Operating temperature range (Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Magnetic Resin
Series	LQH3NPN_MR

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