

# LQH2HPNR47MGR#

“ # ” indicates a package specification code.

Recommended

New

General

Wound  
(Shield)  
000

LowRdc  

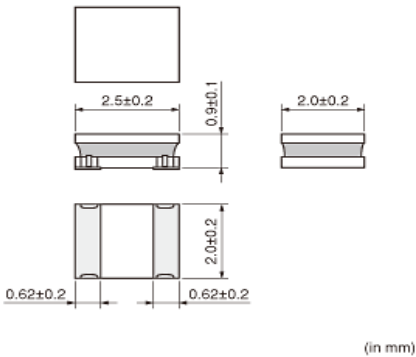

Thickness  
1.0mm  
max.

Reflow  
OK

RoHS

< List of part numbers with package codes >  
LQH2HPNR47MGRL

### Shape



(in mm)

L size	2.5 ± 0.2mm
W size	2.0 ± 0.2mm
T size	0.9 ± 0.1mm
Size code in inch (mm)	1008 (2520)

### Notes

When Rated Current is applied to the Products, more than the value which is 30% down from minimum rated Inductance value and self temperature rise will be 40° or less.  
Keep the product under 125° (ambient temperature plus self-generation of heat).

### References

Packaging code	Specifications	Minimum quantity
L	180mm Embossed taping	3000

Mass (Typ.)	
1 piece	0.019g

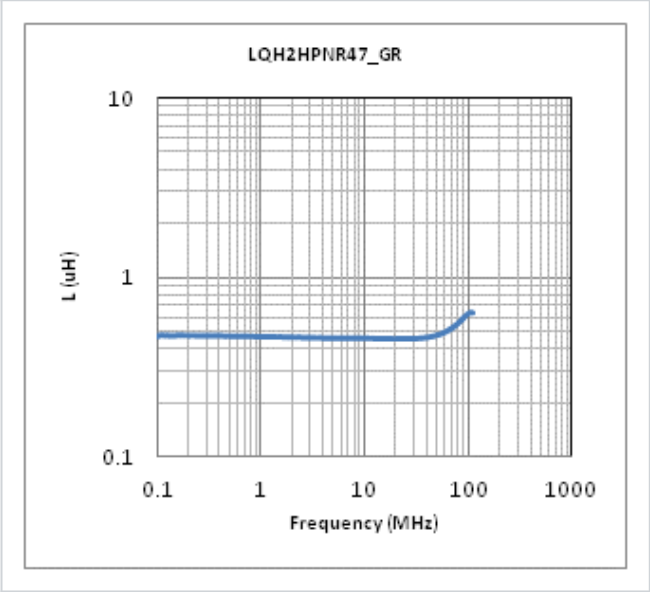
### Specifications

Inductance	0.47μH ± 20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	2900mA
Rated current (Itemp) (Based on Temperature rise)	2520mA
Max. of DC resistance	0.054
Avg. of DC resistance	0.045 ± 20%
Self resonance frequency (min.)	120MHz
Operating temperature range (Self-temperature rise is not included)	-40 ~ 85
Class of magnetic shield	Magnetic shield of magnetic powder in resin

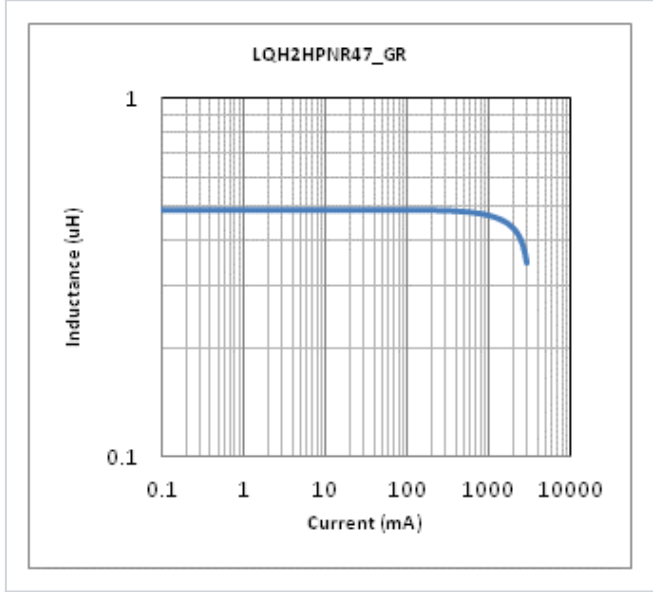
### ⚠ Attention

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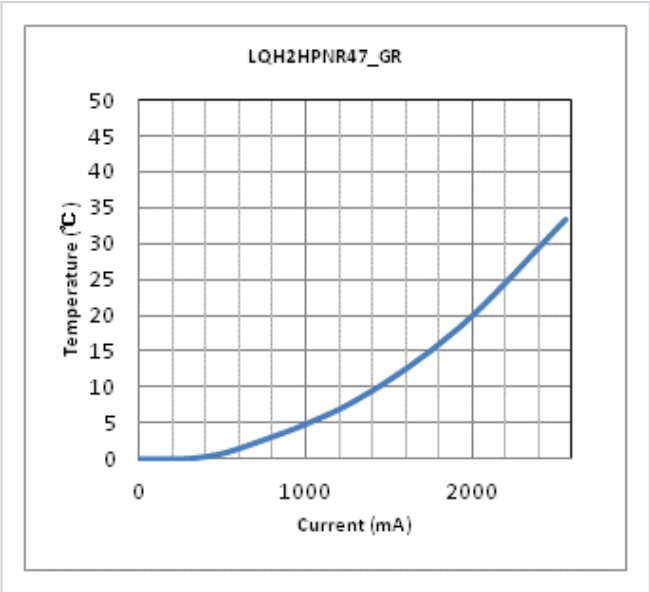
▪ Inductance-Frequency characteristics (Typ.)



▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



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