

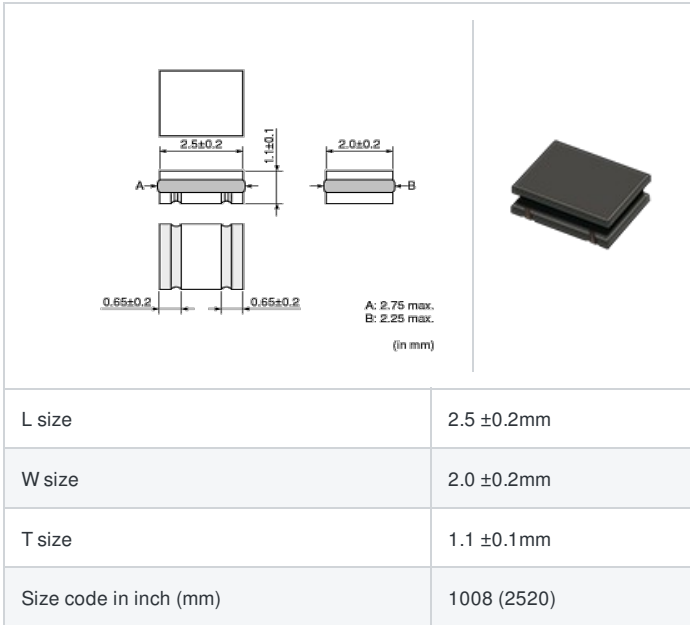
# LQH2HPN2R2MJR#

“#” indicates a package specification code.



< List of part numbers with package codes >  
LQH2HPN2R2MJRL

## Shape



## Notes

When rated current is applied to the products, inductance will be within ±30% of initial inductance value range.  
 Keep the temperature (ambient temperature plus self-generation of heat) under 125 °C.  
 When rated current is applied to the products, the self-temperature rise shall be limited to 40 °C max. (ambient temperature 85 °C).  
 When rated current is applied to the products, the self-temperature rise shall be limited to 20 °C max. (ambient temperature 85-105 °C).

## References

Packaging code	Specifications	Minimum quantity
L	φ180mm Embossed taping	2000

Mass (Typ.)	
1 piece	0.023g

## Specifications

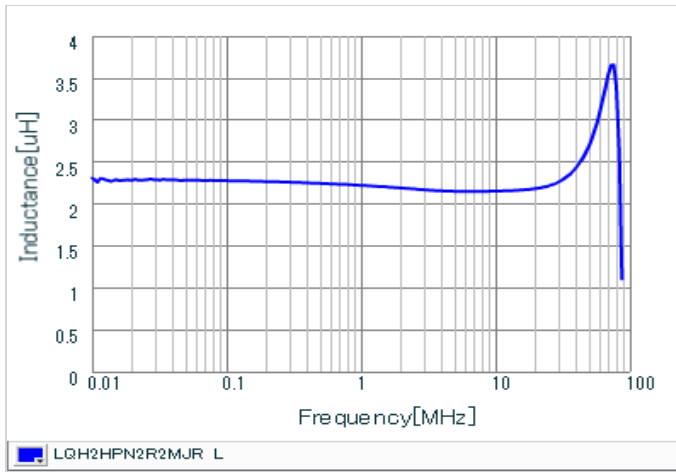
Inductance	2.2μH ±20%
Inductance test frequency	1MHz
Rated current (I <sub>sat</sub> ) (Based on Inductance change)	1700mA
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	1650mA(Ambient temp.85°C) 990mA(Ambient temp.105°C)
Max. of DC resistance	0.1104Ω
Avg. of DC resistance	0.092Ω±20%
Self resonance frequency (min.)	50MHz
Operating temperature range (Self-temperature rise is included)	-40~125°C
Operating temperature range (Self-temperature rise is not included)	-40~105°C
Class of magnetic shield	Magnetic Resin
Series	LQH2HPN_JR

### Attention

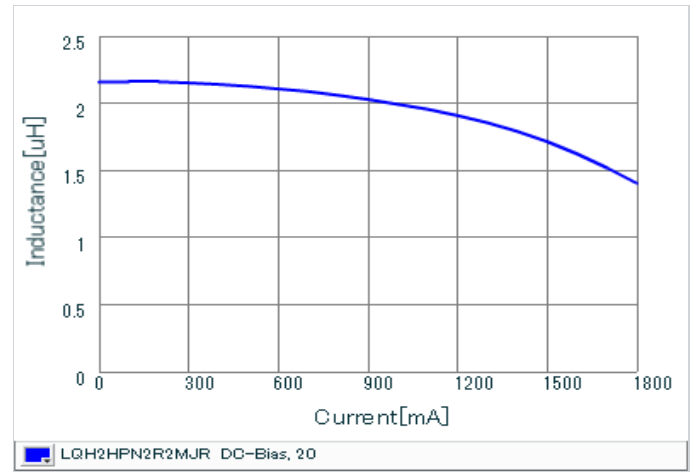
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

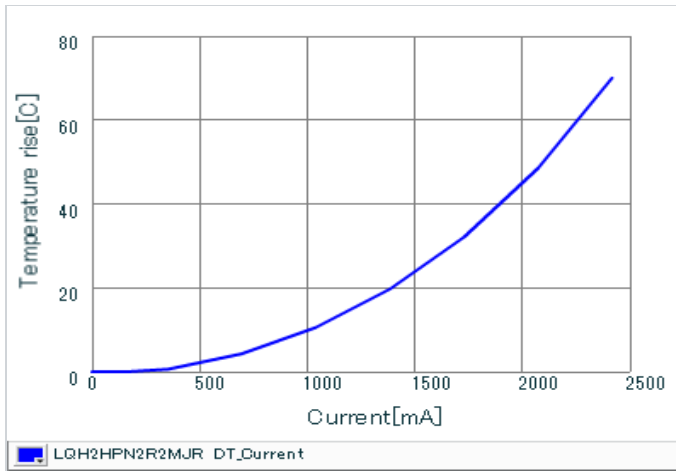
▪ Inductance-Frequency characteristics (Typ.)



▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



**⚠ Attention**

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