

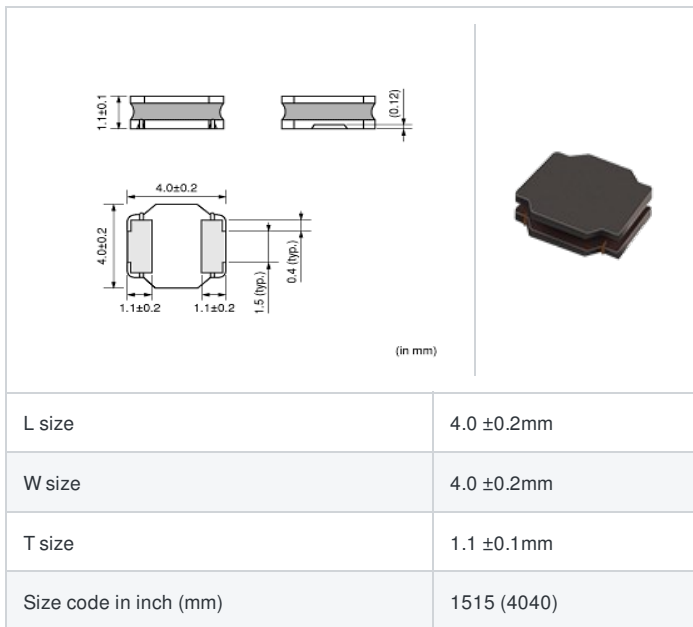
# LQH44PN2R2MJ0#

"#" indicates a package specification code.



< List of part numbers with package codes >  
LQH44PN2R2MJ0L , LQH44PN2R2MJ0K

## Shape



## Notes

When rated current is applied to the products, inductance will be within ±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
L	φ180mm Embossed taping	1000
K	φ330mm Embossed taping	4500

Mass (Typ.)	
1 piece	0.070g

## Specifications

Inductance	2.2μH ±20%
Inductance test frequency	100kHz
Rated current (Isat) (Based on Inductance change)	1320mA
Rated current (Itemp) (Based on Temperature rise)	1230mA
Max. of DC resistance	0.0888Ω
Avg. of DC resistance	0.074Ω ±20%
Self resonance frequency (min.)	68MHz
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	LQH44PN_J0

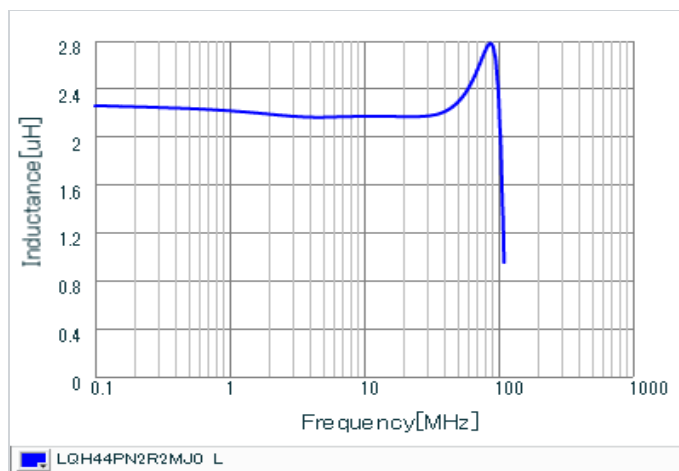
1 of 2

### Attention

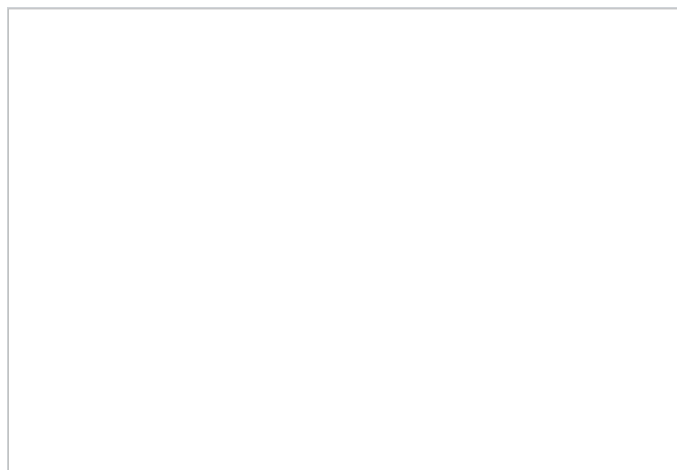
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

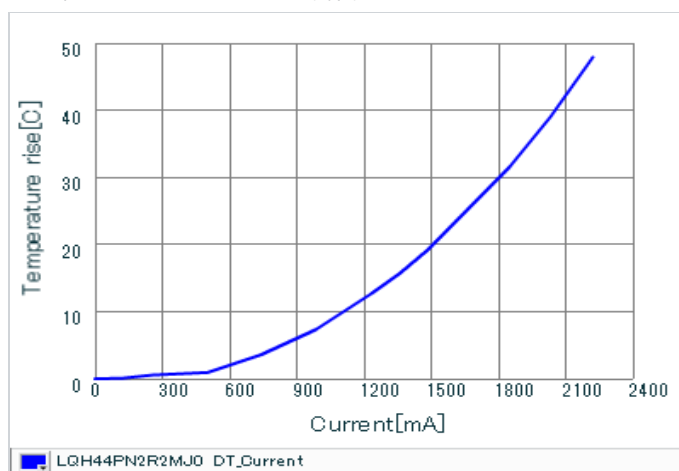
■ Inductance-Frequency characteristics (Typ.)



■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



**⚠ Attention**

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