

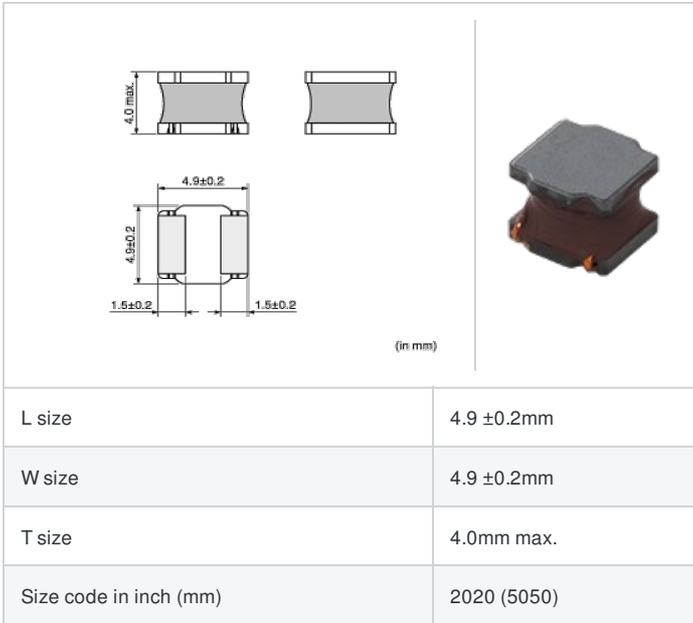
# LQH5BPN330M38#

"#" indicates a package specification code.



< List of part numbers with package codes >  
LQH5BPN330M38L , LQH5BPN330M38K

## Shape



## Notes

When applied Rated current to the Products, Inductance will be within ±30% of initial inductance value range.  
When applied Rated current to the Products, temperature rise caused by self-generated heat shall be limited to 40°C max.(Ambient temperature 85°C).  
Keep the temperature (ambient temperature plus self-generation of heat) under 125°C.

## References

Packaging code	Specifications	Minimum quantity
L	φ180mm Embossed taping	400
K	φ330mm Embossed taping	1500

Mass (Typ.)	
1 piece	0.35g

## Specifications

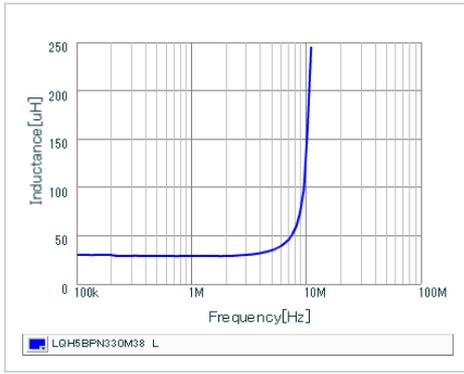
Inductance	33μH ±20%
Inductance test frequency	100kHz
Rated current (I <sub>sat</sub> ) (Based on Inductance change)	1300mA
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	1300mA
Max. of DC resistance	0.18Ω
Avg. of DC resistance	0.15Ω±20%
Self resonance frequency (min.)	6.5MHz
Operating temperature range (Self-temperature rise is included)	-40~125°C
Operating temperature range (Self-temperature rise is not included)	-40~85°C
Class of magnetic shield	Magnetic Resin
Series	LQH5BPN_38

### Attention

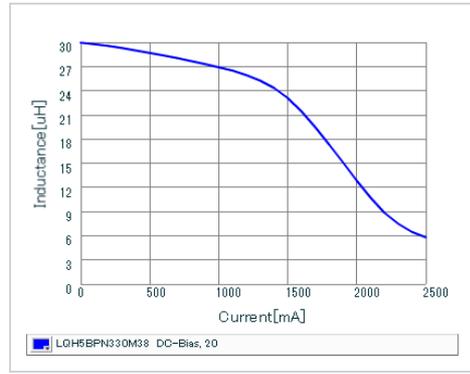
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- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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

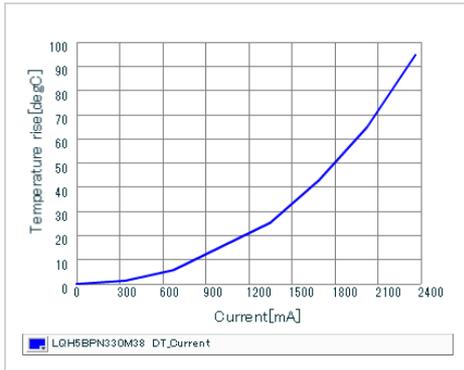
Inductance-Frequency characteristics (Typ.)



Inductance-Current characteristics (Typ.)



Temperature rise characteristics (Typ.)



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