

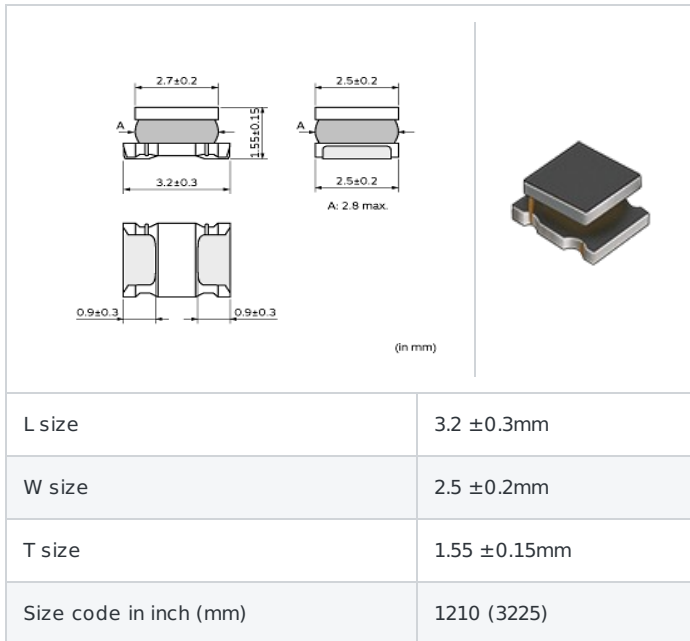
# muRata Inductor Data Sheet LQH32PN330MNO#

"#" indicates a package specification code.



< List of part numbers with package codes >  
LQH32PN330MNO L, LQH32PN330MNO K

## Shape



## Notes

When applied Rated current to the Products, Inductance will be within  $\pm 30\%$  of nominal Inductance value.  
When applied Rated current to the Products, 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	φ 180mm Embossed taping	2000
K	φ 330mm Embossed taping	7500

Mass (Typ.)	
1 piece	0.044g

## Specifications

Inductance	33μH $\pm 20\%$
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	380mA
Rated current (Itemp) (Based on Temperature rise)	390mA
Max. of DC resistance	1.38Ω
Avg. of DC resistance	1.15Ω $\pm 20\%$
Self resonance frequency (min.)	13MHz
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

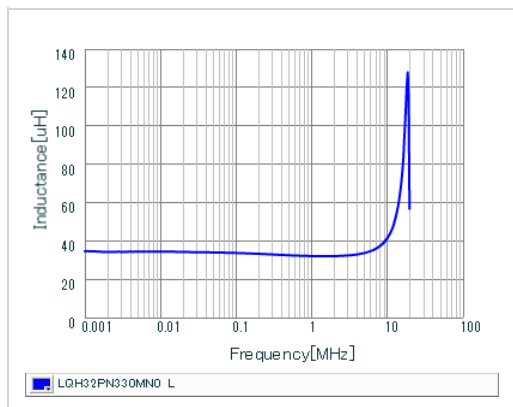
1 of 2

## Attention

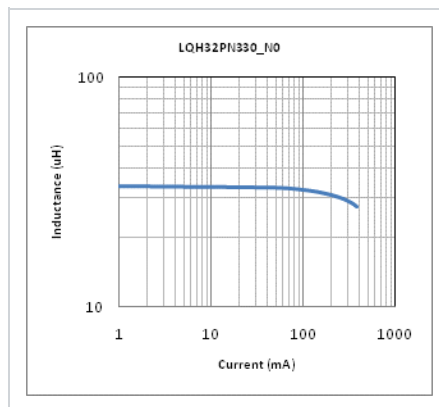
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## Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

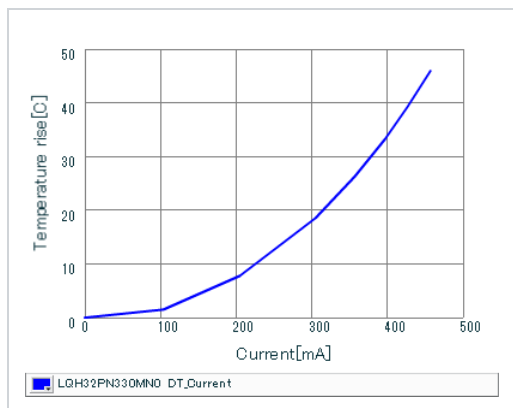
" Inductance-Frequency characteristics (Typ.)



" Inductance-Current characteristics (Typ.)



" Temperature rise characteristics (Typ.)



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