

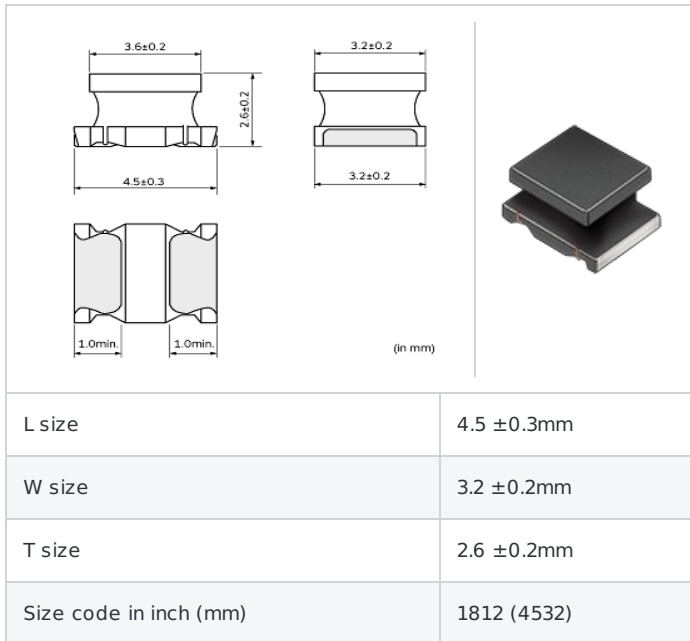
# muRata Inductor Data Sheet LQH43PN1R0N26#

"#" indicates a package specification code.



< List of part numbers with package codes >  
LQH43PN1R0N26L , LQH43PN1R0N26K

## Shape



## Notes

When applied Rated current to the Products, Inductance will be within  $\pm 30\%$  of initial Inductance value.  
When applied Rated current to the Products , self temperature rise 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	500
K	φ 330mm Embossed taping	2500

Mass (Typ.)	
1 piece	0.13g

## Specifications

Inductance	1.0μH $\pm 30\%$
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	3400mA
Rated current (Itemp) (Based on Temperature rise)	3300mA
Max. of DC resistance	0.0312Ω
Avg. of DC resistance	0.026Ω $\pm 20\%$
Self resonance frequency (min.)	100MHz
Operating temperature range (Self-temperature rise is not included)	-40~85°C
Class of magnetic shield	Magnetic shield of magnetic powder in resin

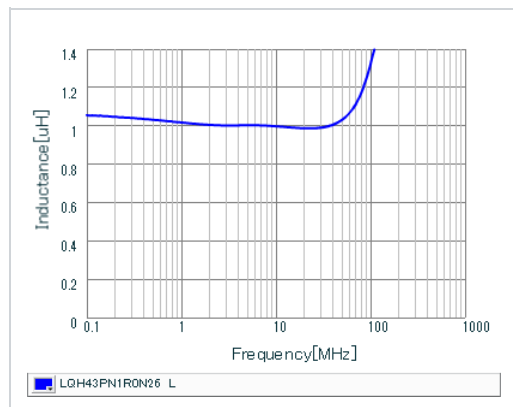
1 of 2

## Attention

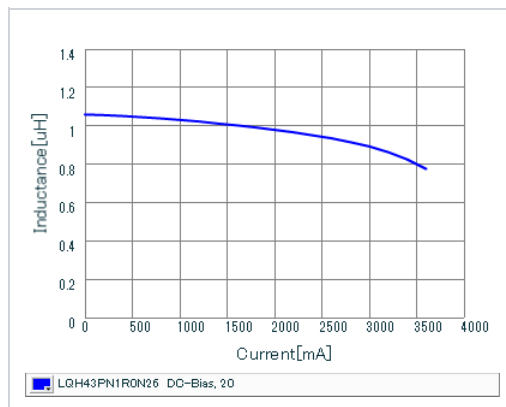
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- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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

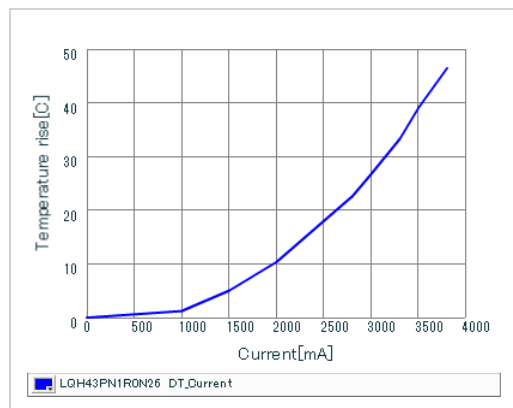
" Inductance-Frequency characteristics (Typ.)



" Inductance-Current characteristics (Typ.)



" Temperature rise characteristics (Typ.)



### ⚠ Attention

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