

# muRata Inductor Data Sheet

## LQG15HS56NJ02#

"#" indicates a package specification code.



< List of part numbers with package codes >  
LQG15HS56NJ02D , LQG15HS56NJ02J , LQG15HS56NJ02B

### Shape

L size	1.0 ±0.05mm
W size	0.5 ±0.05mm
T size	0.5 ±0.05mm
Size code in inch (mm)	0402 (1005)

### References

Packaging code	Specifications	Minimum quantity
D	φ 180mm Paper taping	10000
J	φ 330mm Paper taping	50000
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.001g

### Specifications

Inductance	56nH ±5%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	250mA
Max. of DC resistance	0.82Ω
Q (min.)	8
Q test frequency	100MHz
Self resonance frequency (min.)	800MHz
Operating temperature range (Self-temperature rise is not included)	-55~125°C

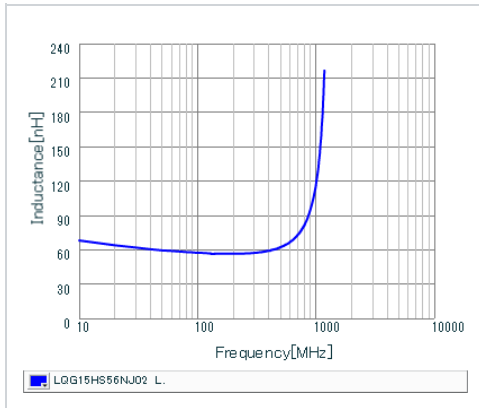
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### ⚠ Attention

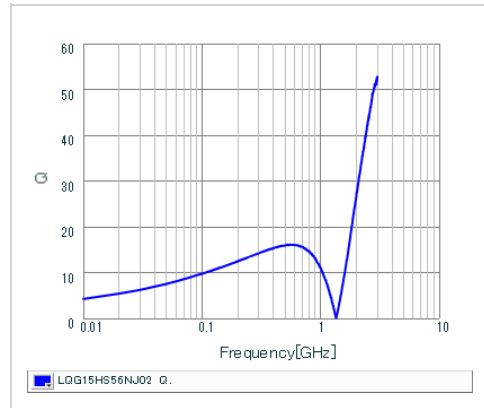
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

Inductance-Frequency characteristics (Typ.)



Q-Frequency characteristics (Typ.)



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