

# muRata Inductor Data Sheet

## LQH66SN1R5M03#

"#" indicates a package specification code.



< List of part numbers with package codes >  
LQH66SN1R5M03L , LQH66SN1R5M03K

### Shape

L size	6.3 ±0.3mm
W size	6.3 ±0.3mm
T size	4.7 ±0.3mm
Size code in inch (mm)	2525 (6363)

### Notes

When applied Rated current to the Products, Inductance will be within  $\pm 40\%$  of initial Inductance value.  
When applied Rated current to the Products, temperature rise caused by self-generated heat shall be limited to 40°C max.

### References

Packaging code	Specifications	Minimum quantity
L	φ 180mm Embossed taping	350
K	φ 330mm Embossed taping	1500

Mass (Typ.)	
1 piece	0.71g

### Specifications

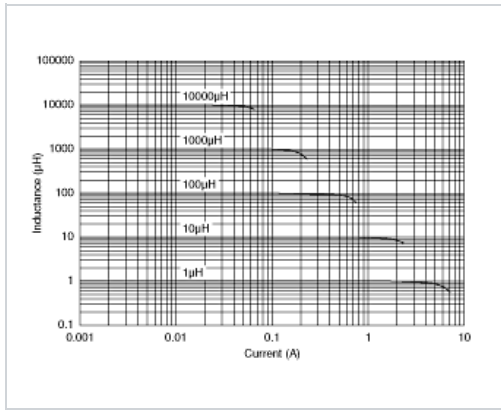
Inductance	1.5μH ±20%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	3.8A
Max. of DC resistance	0.0224Ω
Avg. of DC resistance	0.016Ω±40%
Self resonance frequency (min.)	110MHz
Operating temperature range (Self-temperature rise is not included)	-40~80°C
Class of magnetic shield	Ferrite Core

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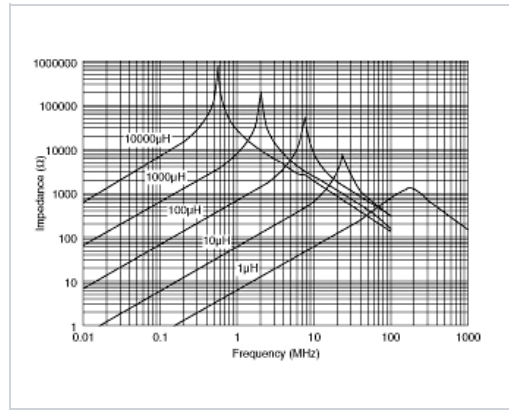
### ⚠ Attention

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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.

▪ Inductance-Current characteristics (Typ.)



▪ Impedance-Frequency characteristics (Typ.)



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