muRata Inductor Data Sheet



Power-train 🖚 AEC-Q200 125 RoHS REACH In Production

< List of part numbers with package codes >

LQG18HH3N9S00D , LQG18HH3N9S00J , LQG18HH3N9S00B





0.8 ±0.15mm

0603 (1608)

References

Packaging code	Specifications	Minimum quantity
D	φ180mm Paper taping	4000
J	φ330mm Paper taping	10000
В	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.003g

## Specifications

Size code in inch (mm)

T size

Inductance	3.9nH ±0.3nH
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	900mA
Max. of DC resistance	0.15Ω
Q (min.)	12
Q test frequency	100MHz
Self resonance frequency (min.)	3000MHz
Operating temperature range (Self-temperature rise is not included)	-55 to 125°C
Series	LQG18HH_00

## 🔔 Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued

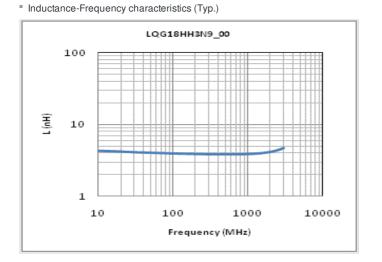
without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This datasheet has only typical specifications because there is no space for detailed specifications.

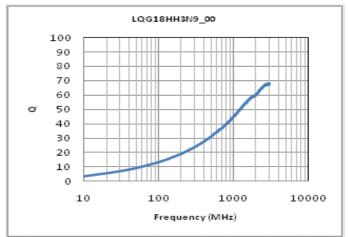
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# Chart of characteristic data (The charts below may show another part number which shares its characteristics.)



Q-Frequency characteristics (Typ.)



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