muRata Inductor Data Sheet

LQW21HN1R8J00# "#" indicates a package specification code.

In Production | **General** | **85 ℃max.** | **Wound (Ferrite)** | **Reflow OK** | **RoHS** | **REACH**

< List of part numbers with package codes >
LQW21HN1R8J00L , LQW21HN1R8J00B

Shape

L size	2.0 ±0.2mm
W size	1.2 ±0.2mm
T size	0.9 ±0.1mm
Size code in inch (mm)	0805 (2012)
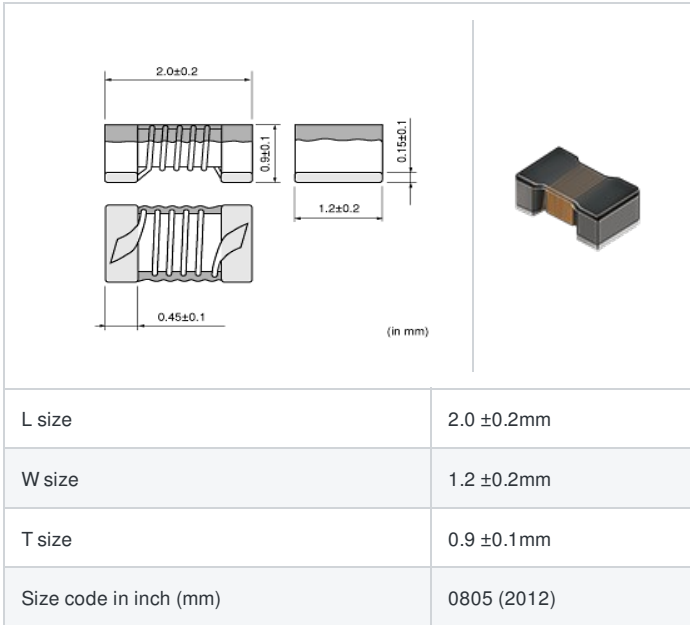
References

Packaging code	Specifications	Minimum quantity
L	φ180mm Embossed taping	3000
B	Packing in bulk	500

Mass (Typ.)	
1 piece	0.008g

Specifications
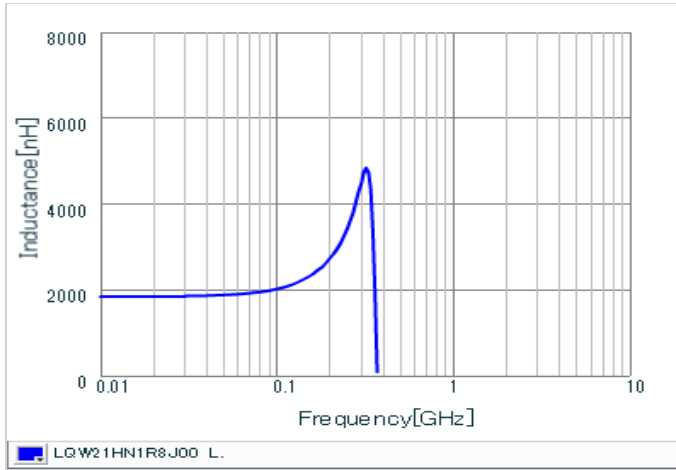
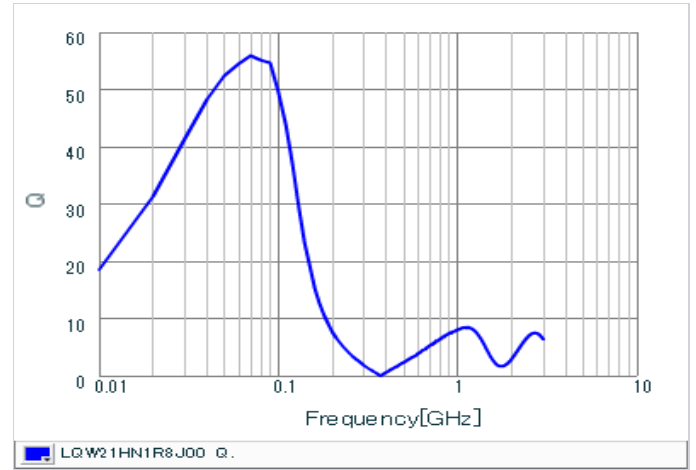| Inductance	1.8μH ±5%
Inductance test frequency	10MHz
Rated current (Itemp) (Based on Temperature rise)	80mA
Max. of DC resistance	5.85Ω
Q (min.)	35
Q test frequency	100MHz
Self resonance frequency (min.)	320MHz
Operating temperature range (Self-temperature rise is not included)	-40〜85℃
Series	LQW21HN_00

⚠ **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.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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

Inductance-Frequency characteristics (Typ.)

LQW21HN1R8J00 L.

Q-Frequency characteristics (Typ.)

LQW21HN1R8J00 Q.

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