

## LQG15WH3N0C02#

#" indicates a package specification code.

In Production

Power-train

AEC-Q200

125 °C max.

Multi-layer

High Q

Reflow OK

RoHS

REACH

&lt; List of part numbers with package codes &gt;

LQG15WH3N0C02D, LQG15WH3N0C02J, LQG15WH3N0C02B

## Shape

L size	1.0 ±0.05mm
W size	0.6 ±0.05mm
T size	0.5 ±0.1mm
Size code in inch (mm)	0402 (1005)

## References

Packaging code	Specifications	Minimum quantity
D	φ180mm Paper taping	10000
J	φ330mm Paper taping	40000
B	Packing in bulk	100

Mass (Typ.)	
1 piece	0.001g

## Specifications

Inductance	3.0nH ±0.2nH
Inductance test frequency	100MHz
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	900mA
Max. of DC resistance	0.08Ω
Q (min.)	23
Q test frequency	250MHz
Self resonance frequency (min.)	6000MHz
Operating temperature range (Self-temperature rise is not included)	-55~125°C
Series	LQG15WH_02

## Attention

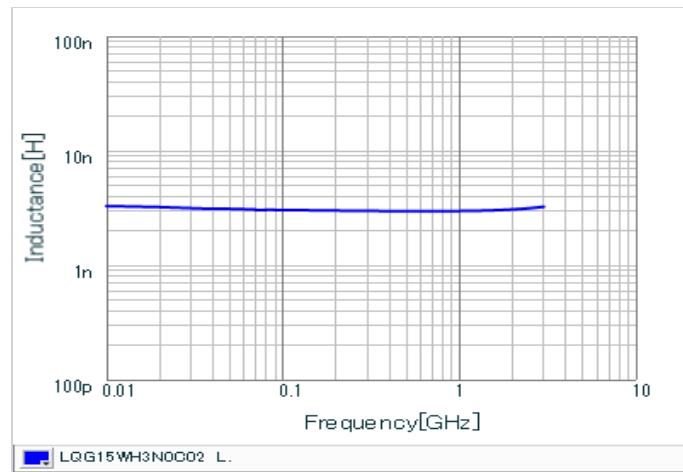
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2. This datasheet has only typical specifications because there is no space for detailed specifications.

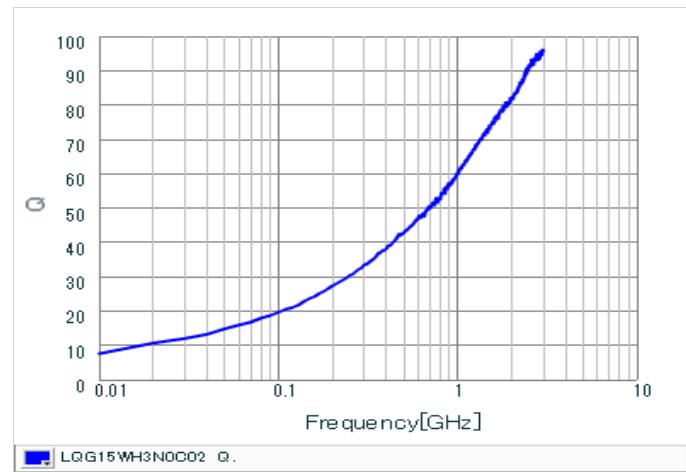
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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

Inductance-Frequency characteristics (Typ.)



Q-Frequency characteristics (Typ.)



LQG15WH3N0002 L.

LQG15WH3N0002 Q.

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