

LQG15WH56NH02#

#" indicates a package specification code.

In Production

Power-train

AEC-Q200

125 °C max.

Multi-layer

High Q

Reflow OK

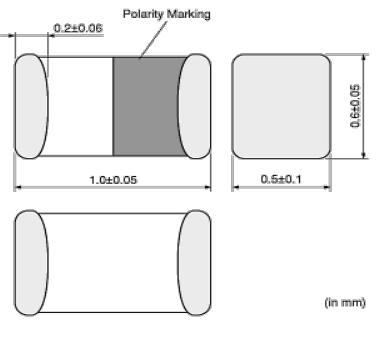
RoHS

REACH

< List of part numbers with package codes >

LQG15WH56NH02D, LQG15WH56NH02J, LQG15WH56NH02B

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	ø180mm Paper taping	10000
J	ø330mm Paper taping	40000
B	Packing in bulk	100

Mass (Typ.)	
1 piece	0.001g

Specifications

Inductance	56nH ±3%
Inductance test frequency	100MHz
Rated current (I _{temp}) (Based on Temperature rise)	180mA
Max. of DC resistance	1.8Ω
Q (min.)	22
Q test frequency	250MHz
Self resonance frequency (min.)	1200MHz
Operating temperature range (Self-temperature rise is not included)	-55~125°C
Series	LQG15WH_02

Attention

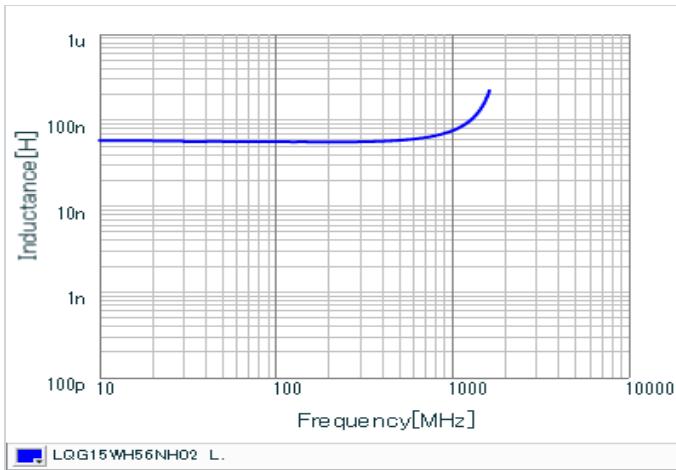
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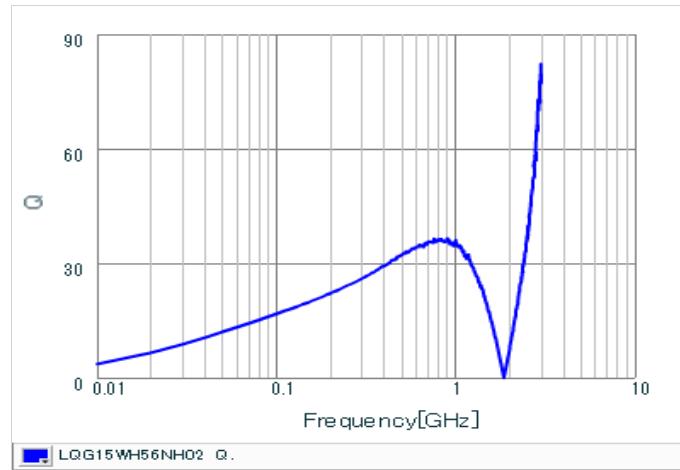
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

Inductance-Frequency characteristics (Typ.)



Q-Frequency characteristics (Typ.)



LQG15WH56NH02 L.

LQG15WH56NH02 Q.

2 of 2

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