Inductor Data Sheet

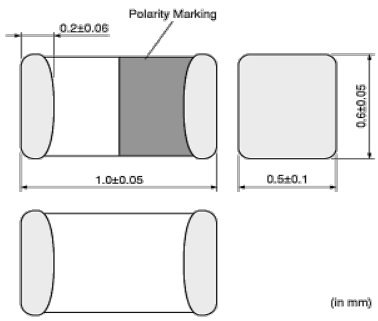
LQG15WZ3N9B02#

"#" indicates a package specification code.

In Production | Info-tainment | AEC-Q200 | 125 °C max. | Multi-layer | High Q | Tight Tolerance | Reflow OK | RoHS | REACH

< List of part numbers with package codes >
LQG15WZ3N9B02D , LQG15WZ3N9B02J , LQG15WZ3N9B02B

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	3.9nH ±0.1nH
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	900mA
Max. of DC resistance	0.09Ω
Q (min.)	23
Q test frequency	250MHz
Self resonance frequency (min.)	5000MHz
Operating temperature range (Self-temperature rise is not included)	-55°C to 125°C
Series	LQG15WZ_02

Attention

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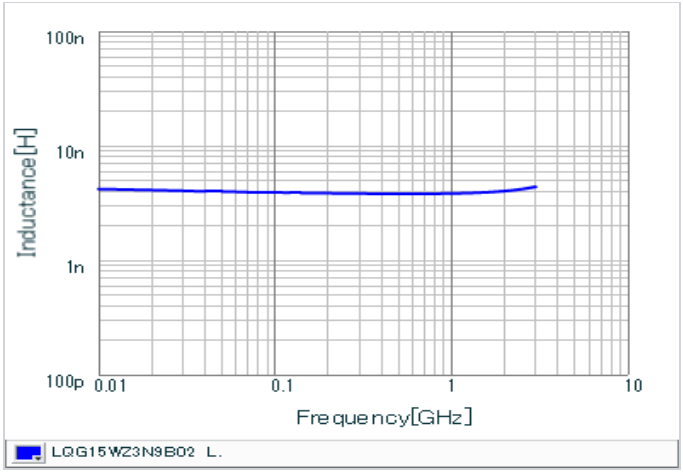
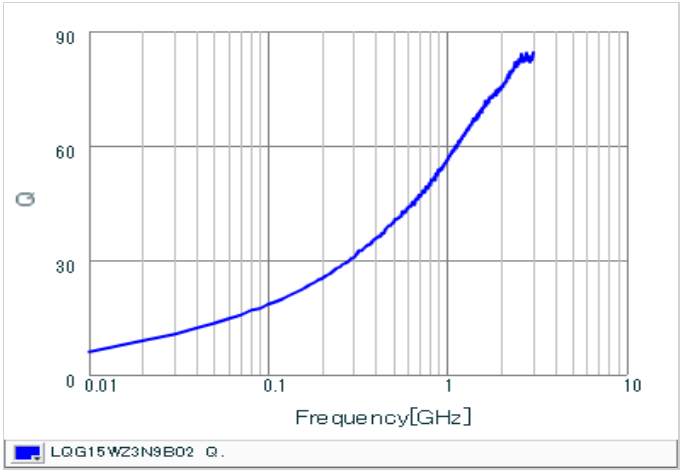
2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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

Inductance-Frequency characteristics (Typ.)



Q-Frequency characteristics (Typ.)



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