

muRata Inductor Data Sheet

LQG15HS47NJ02#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQG15HS47NJ02D , LQG15HS47NJ02J , LQG15HS47NJ02B

Shape

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

References

Packaging code	Specifications	Minimum quantity
D	φ 180mm Paper taping	10000
J	φ 330mm Paper taping	50000
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.001g

Specifications

Inductance	47nH ±5%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	300mA
Max. of DC resistance	0.72Ω
Q (min.)	8
Q test frequency	100MHz
Self resonance frequency (min.)	1000MHz
Operating temperature range (Self-temperature rise is not included)	-55~125°C

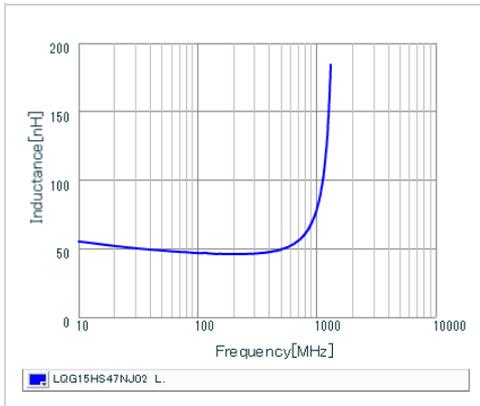
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⚠ Attention

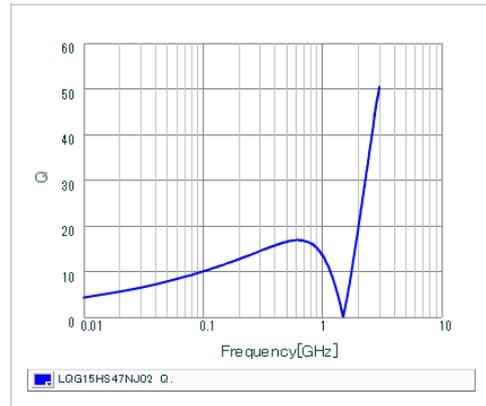
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

▪ Inductance-Frequency characteristics (Typ.)



▪ Q-Frequency characteristics (Typ.)



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