

muRata Inductor Data Sheet

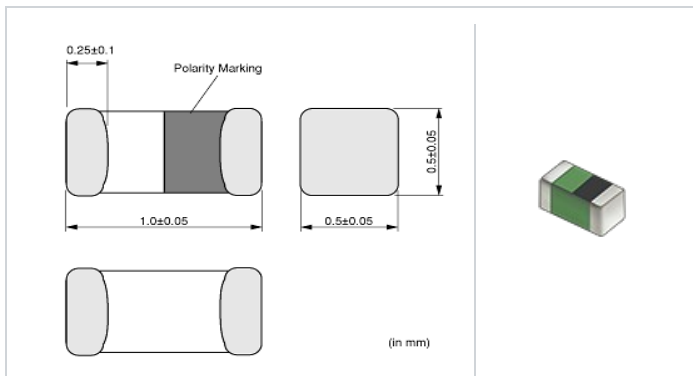
LQG15HSR15J02#

"#" indicates a package specification code.



< List of part numbers with package codes >
 LQG15HSR15J02D , LQG15HSR15J02J , LQG15HSR15J02B

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

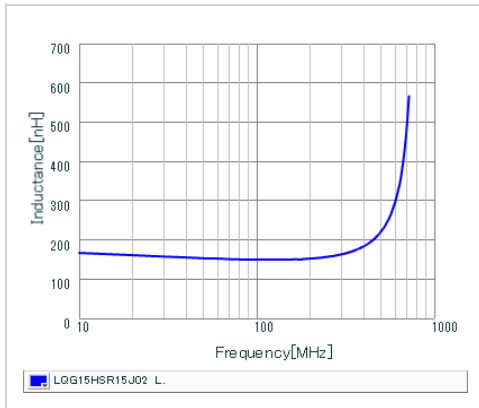
Inductance	150nH ±5%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	150mA
Max. of DC resistance	2.99Ω
Q (min.)	8
Q test frequency	100MHz
Self resonance frequency (min.)	550MHz
Operating temperature range (Self-temperature rise is not included)	-55~125°C

⚠ Attention

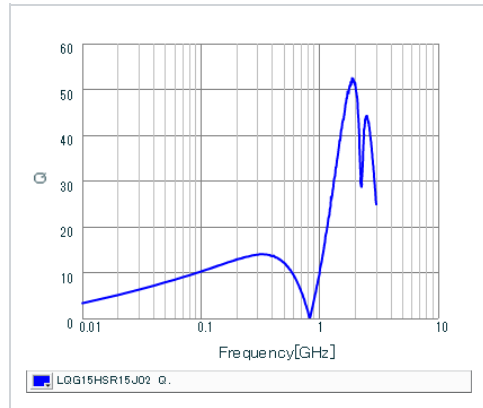
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

▪ Inductance-Frequency characteristics (Typ.)



▪ Q-Frequency characteristics (Typ.)



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