

muRata Inductor Data Sheet

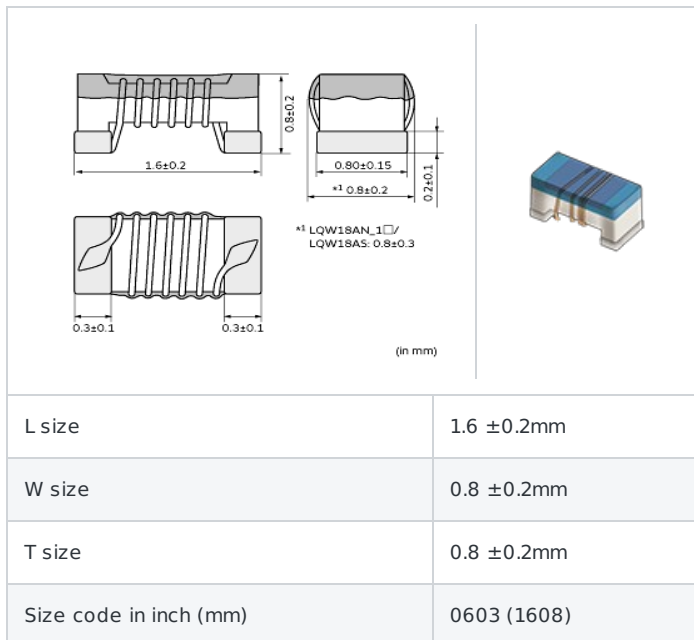
LQW18AN8N2D00#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQW18AN8N2D00D , LQW18AN8N2D00J , LQW18AN8N2D00B

Shape



References

Packaging code	Specifications	Minimum quantity
D	φ 180mm Paper taping	4000
J	φ 330mm Paper taping	10000
B	Packing in bulk	500

Mass (Typ.)	
1 piece	0.003g

Specifications

Inductance	8.2nH ±0.5nH
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	650mA
Max. of DC resistance	0.11Ω
Q (min.)	35
Q test frequency	250MHz
Self resonance frequency (min.)	6000MHz
Operating temperature range (Self-temperature rise is not included)	-55~125°C

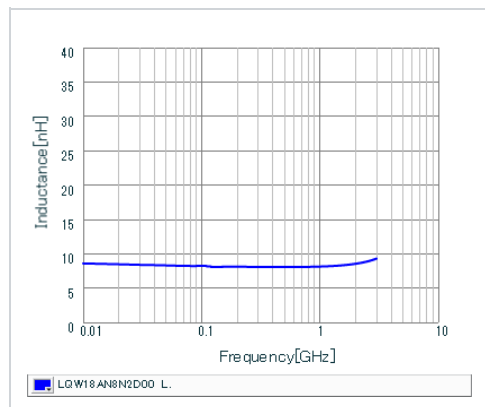
1 of 2

Attention

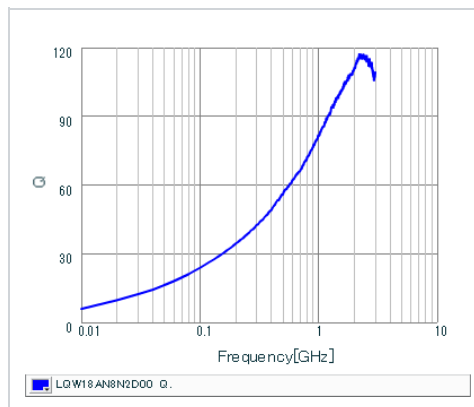
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

" Inductance-Frequency characteristics (Typ.)



" Q-Frequency characteristics (Typ.)



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