Inductor Data Sheet

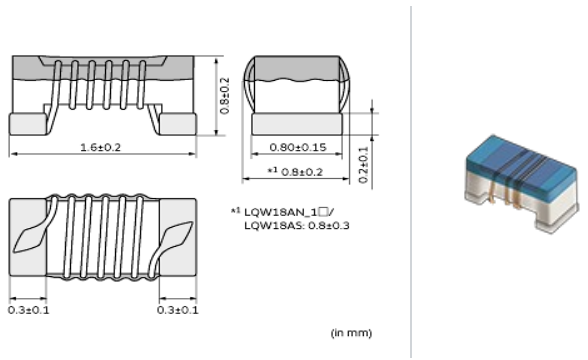
LQW18AN68NJ0Z#

"#" indicates a package specification code.

In Production | Info-tainment | AEC-Q200 | 125 °C max. | Wound (Non mag) | Reflow OK | RoHS | REACH

< List of part numbers with package codes >
LQW18AN68NJ0ZD , LQW18AN68NJ0ZJ , LQW18AN68NJ0ZB

Shape



L size	1.6 ±0.2mm
W size	0.8 ±0.2mm
T size	0.8 ±0.2mm
Size code in inch (mm)	0603 (1608)

References

Packaging code	Specifications	Minimum quantity
D	φ180mm Paper taping	4000
J	φ330mm Paper taping	10000
B	Packing in bulk	500

Mass (Typ.)	
1 piece	0.003g

Specifications

Inductance	68nH ±5%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	340mA
Max. of DC resistance	0.38Ω
Q (min.)	38
Q test frequency	200MHz
Self resonance frequency (min.)	2200MHz
Operating temperature range (Self-temperature rise is not included)	-55°C to 125°C
Series	LQW18AN_0Z

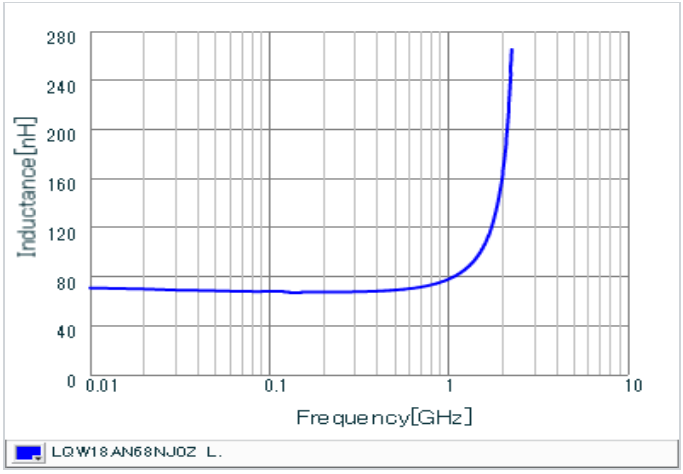
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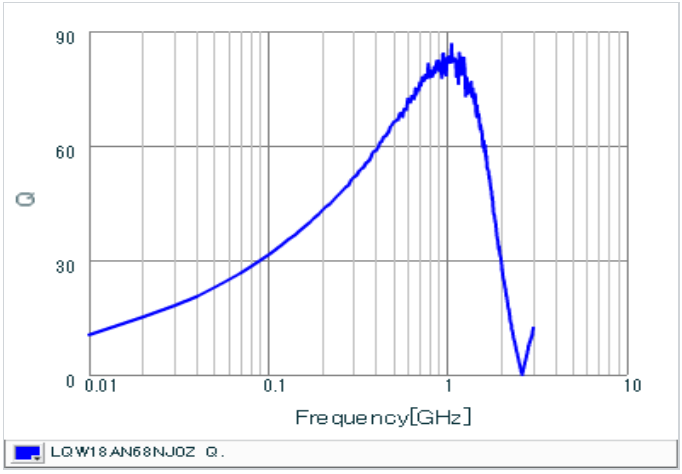
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

Inductance-Frequency characteristics (Typ.)



Q-Frequency characteristics (Typ.)



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