muRata Inductor Data Sheet

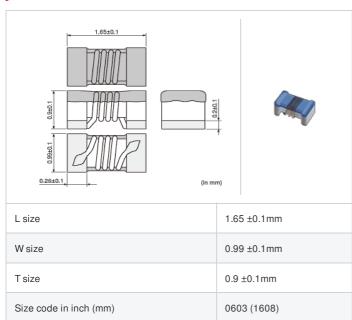




< List of part numbers with package codes >

LQW18AN28NJ80D , LQW18AN28NJ80J , LQW18AN28NJ80B





References

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

Mas	s (Typ.)
1 piece	0.0034g

Specifications

Inductance	28nH ±5%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	1200mA
Max. of DC resistance	0.098Ω
Q (min.)	40
Q test frequency	250MHz
Self resonance frequency (min.)	3600MHz
Operating temperature range (Self-temperature rise is not included)	-55 to 125°C
Series	LQW18AN_80

🔔 Attention

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In operating temperatures exceeding +85°C, derating of current is necessary for this series. Please apply the derating curve shown in the chart according to the operating temperature. Derating of Rated Current



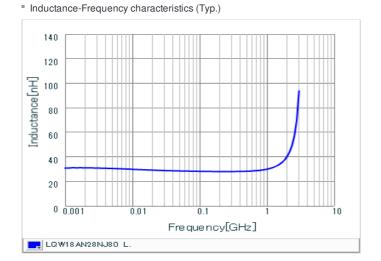
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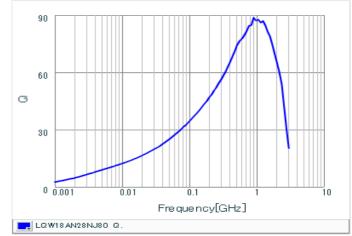
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

Q-Frequency characteristics (Typ.)





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