LQW18AN18NG00D

"#"at the end indicates the package specification code.

Size Code 1608 (0603) in mm (in inch), Wound Type

In Production | RoHS | REACH | 125 ℃max. | Wound (Non mag) | Tight Tolerance | Reflow OK

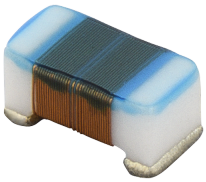
< List of part numbers with package codes >

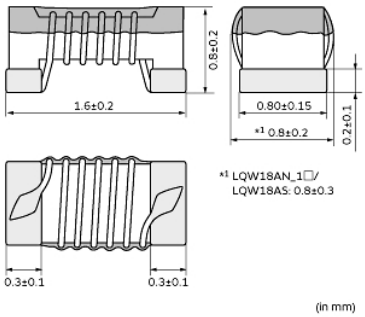
LQW18AN18NG00B LQW18AN18NG00D LQW18AN18NG00J

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.
Recommended Applications	Consumer equipment

Appearance & Shape





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References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000

Mass (typ.)	
1 piece	0.003g

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Specifications

L size	1.6±0.2mm
W size	0.8±0.2mm
T size	0.8±0.2mm
Size code inch (mm)	0603 (1608)
Inductance	18nH±2%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	550mA
Max. of DC resistance	0.16Ω
Operating Temperature Range(Self-temperature rise is not included)	-55℃ to 125℃
Class of magnetic shield	Non-Shielded
Q(min.)	40
Q Test Frequency	250MHz
Self resonance frequency (min.)	5500MHz
Brand	Murata
Series	LQW18AN_00

LQW18AN18NG00D

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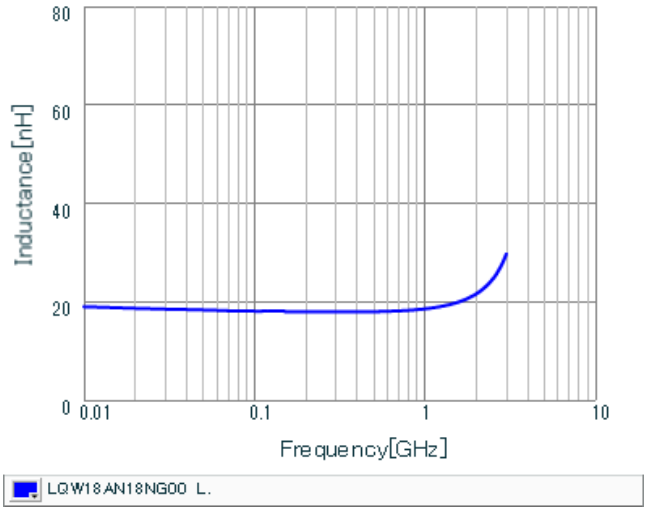
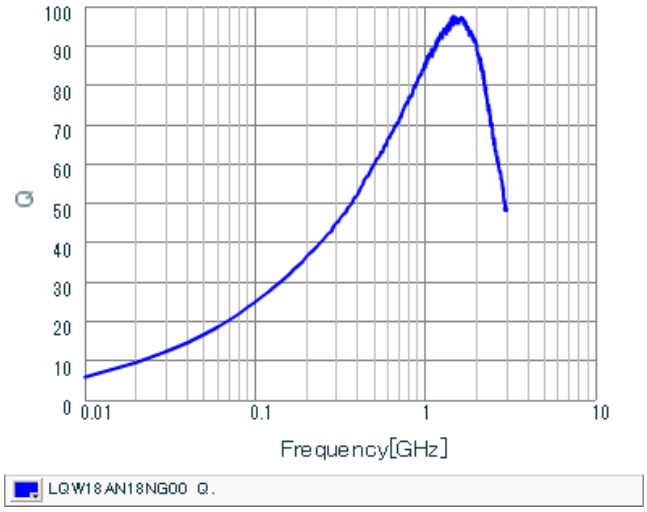
Characteristic Data



Inductance - Frequency Characteristics



Q-Frequency Characteristics