Inductor Data Sheet

LQW18AS16NG00#

"#" indicates a package specification code.

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

< List of part numbers with package codes >

LQW18AS16NG00D , LQW18AS16NG00J , LQW18AS16NG00B

Shape

(in mm)

L size	1.6 ±0.2mm
W size	0.8 ±0.3mm
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

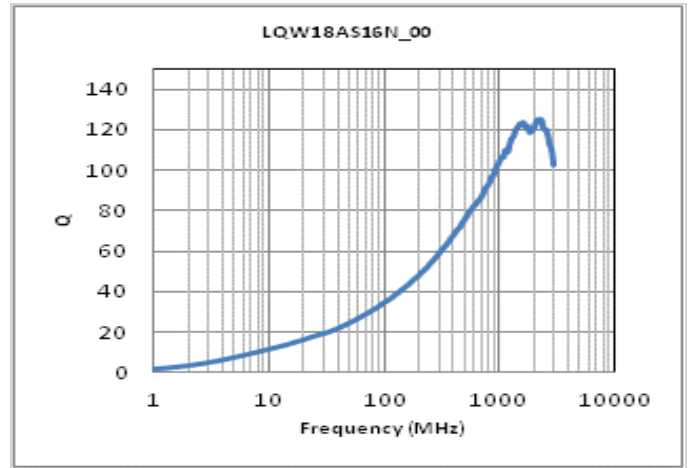| Inductance	16nH ±2%
Inductance test frequency	250MHz
Rated current (Itemp) (Based on Temperature rise)	700mA
Max. of DC resistance	0.104Ω
Q (min.)	34
Q test frequency	250MHz
Self resonance frequency (min.)	3300MHz
Operating temperature range (Self-temperature rise is included)	-40°C to 125°C
Series	LQW18AS_00

⚠ Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2.This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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

Inductance-Frequency characteristics (Typ.)
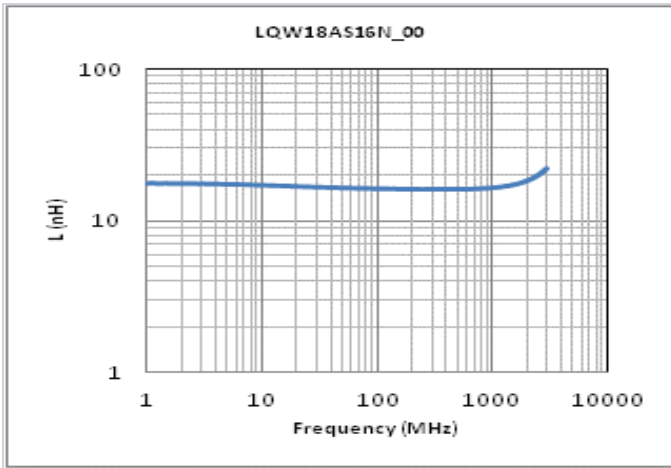
Q-Frequency characteristics (Typ.)

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muRata Murata Manufacturing Co., Ltd.

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