muRata Inductor Data Sheet

LQM18PN1R0NF0# "#" indicates a package specification code.



< List of part numbers with package codes > LQM18PN1R0NF0L , LQM18PN1R0NF0B

Shape

0.4±0.20 0.8±0.15 0.8±0.15 (in mi	m
L size	1.6 ±0.15mm
W size	0.8 ±0.15mm
T size	0.8 ±0.15mm
Size code in inch (mm)	0603 (1608)

References

Packaging code	Specifications	Minimum quantity
L	φ180mm Embossed taping	4000
В	Packing in bulk	1000

Mas	s (Тур.)
1 piece	0.005g

Specifications

Inductance	1.0µH ±30%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	600mA
Max. of DC resistance	0.350Ω
Avg. of DC resistance	0.28Ω±25%
Self resonance frequency (min.)	50MHz
Operating temperature range	-55°C to 125°C
Class of magnetic shield	Ferrite Core
Series	LQM18PN_F0

🔔 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

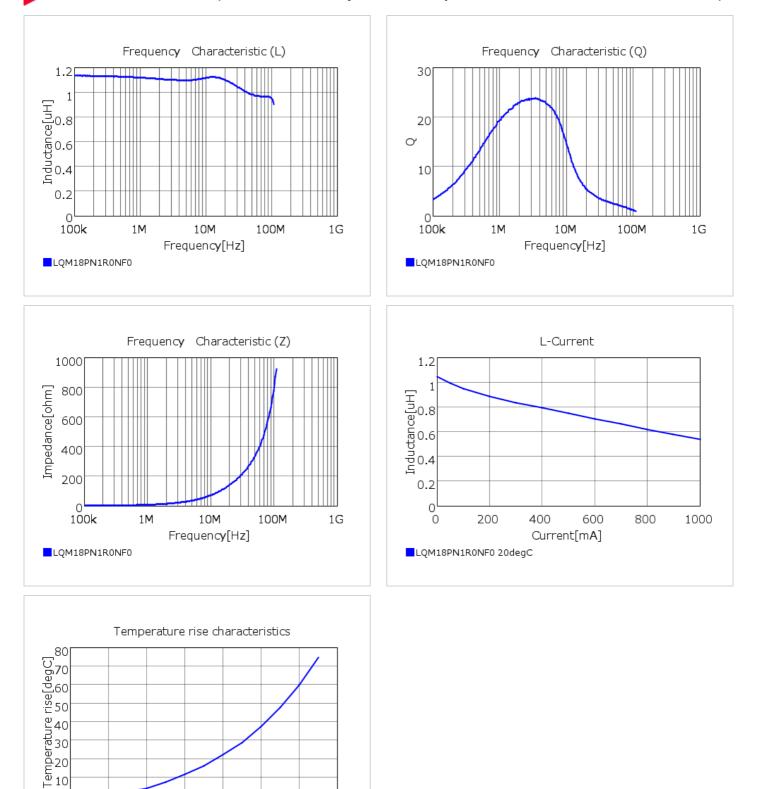
without advance notice. Please check with our sales representatives or product engineers before ordering.

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.)



🔔 Attention

0

0

LQM18PN1R0NF0

200

400

600

800

Current[mA]

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.

1000 1200 1400

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.