Inductor Data Sheet

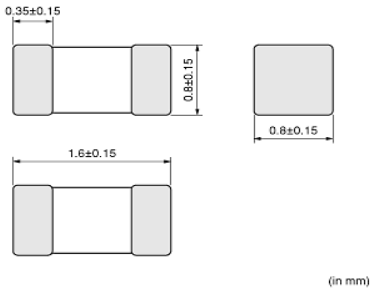
LQM18NN2R2K00#

"#" indicates a package specification code.

In Production | General | 85 °C max. | Multi-layer | Reflow OK | Flow OK | RoHS | REACH

< List of part numbers with package codes >
LQM18NN2R2K00D , LQM18NN2R2K00J , LQM18NN2R2K00B

Shape



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
D	φ180mm Paper taping	4000
J	φ330mm Paper taping	10000
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.005g

Specifications

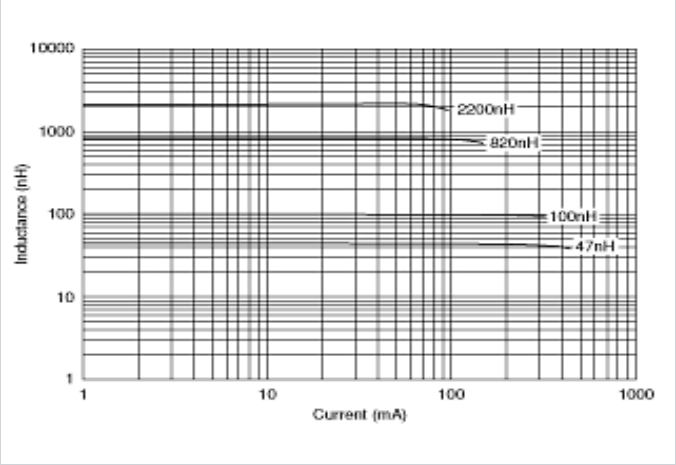
Inductance	2200nH ±10%
Inductance test frequency	10MHz
Rated current (Isat) (Based on Inductance change)	15mA
Rated current (Itemp) (Based on Temperature rise)	15mA
Max. of DC resistance	1.15Ω
Q (min.)	35
Q test frequency	10MHz
Self resonance frequency (min.)	50MHz
Operating temperature range (Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Ferrite Core
Series	LQM18NN_00

Attention

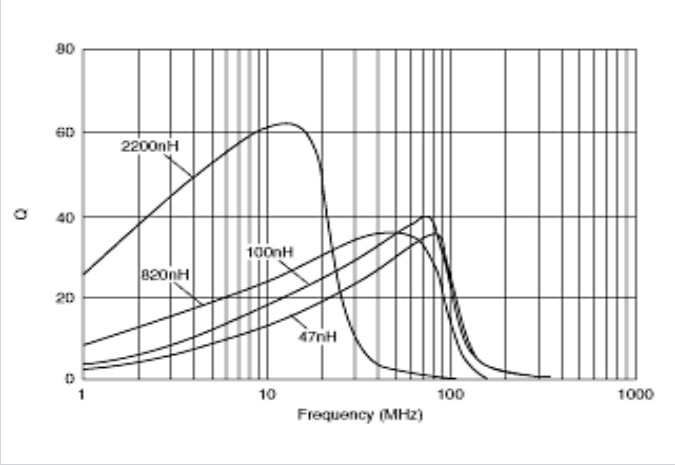
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This datasheet has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



- Q-Frequency characteristics (Typ.)



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