Inductor for Low Frequency Circuits Part Numbering

(Part Number)

LQ	M	18	N	N	47N	M	0	0	D
❶	❷	❸	❹	❺	❻	❼	❽	❾	❿

❶Product ID

Product ID	
LQ	Chip Inductors (Chip Coils)

❷Structure

Code	Structure
H	Wire Wound Type (Ferrite Core)
M	Multilayer Type (Ferrite Core)

❸Dimensions (L×W)

Code	Dimensions (L×W)	EIA
18	1.6×0.8mm	0603
21	2.0×1.25mm	0805
31	3.2×1.6mm	1206
32	3.2×2.5mm	1210
43	4.5×3.2mm	1812

❹Applications and Characteristics

Code	Series	Applications and Characteristics
N	**LQM**	for Resonant Circuit
N	**LQH**	for Resonant Circuit
M		for Resonant Circuit (Coating Type)

❺Category

Code	Category
N	Standard Type

❻Inductance

Expressed by three-digit alphanumerics. The unit is micro-henry (µH). The first and second figures are significant digits, and the third figure expresses the number of zeros which follow the two figures. If there is a decimal point, it is expressed by the capital letter "**R**". In this case, all figures are significant digits. If inductance is less than 0.1µH, the inductance code is expressed by a combination of two figures and the capital letter "**N**", and the unit of inductance is nano-henry (nH).
The capital letter "**N**" indicates the unit of "nH", and also expresses a decimal point. In this case, all figures are significant digits.

❼Inductance Tolerance

Code	Inductance Tolerance
J	±5%
K	±10%
M	±20%

❽Features

Code	Features	Series
0	Standard Type	**LQM***1 **/LQH***2
1	Standard Type	**LQM21N**
2	Standard Type	**LQH32M**

*1 Except LQM21N Series
*2 Except LQH32 Series

❾Electrode

•Lead (Pb) Free

Code	Electrode	Series
0	Sn	**LQM**
3	LF Solder	**LQH**

❿Packaging

Code	Packaging	Series
K	Embossed Taping (ø330mm Reel)	**LQH/LQM21***1
L	Embossed Taping (ø180mm Reel)	**LQH/LQM21***1
B	Bulk	**LQM**
J	Paper Taping (ø330mm Reel)	**LQM18/LQM21***2
D	Paper Taping (ø180mm Reel)	**LQM18/LQM21***2

*1 LQM21N(2.7 - 4.7µH) only.
*2 LQM21N(0.1 - 2.2µH) only.