Part Numbering

Inductors for General Circuits

(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)
W	Wire Wound Type (Ferrite Core)

❷Dimensions (LxW)

Code	Nominal Dimensions (LxW)	Size Code (in inch)
04	0.8x0.4mm	03019
15	1.0x0.5mm	0402
18	1.6x0.8mm	0603
21	2.0x1.25mm	0805
31	3.2x1.6mm	1206
32	3.2x2.5mm	1210
43	4.5x3.2mm	1812
44	4.0x4.0mm	1515

❹Applications and Characteristics

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

❺Category

Code	Category	
A	General	Impedance Device (Near GHz Band)
N	General	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 that 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%
N	±30%

❽Features

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

*1 Except for LQM21N Series
*2 Except for LQH32 Series

❾Electrode

▪Lead (Pb) Free

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

❿Packaging

Code	Packaging
K	Embossed Taping (ø330mm Reel)
L	Embossed Taping (ø180mm Reel)
B	Bulk
J	Paper Taping (ø330mm Reel)
D	Paper Taping (ø180mm Reel)