

● Part Numbering

Chip Inductors (Chip Coils)(SMD)

(Part Number)

LQ	H	32	C	H	100	K	2	3	L
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩

① Product ID

Product ID	
LQ	Chip Inductors (Chip Coils)

② Structure

Code	Structure
G	Monolithic Type (Air-core Inductor (Coil))
H	Wire Wound Type (Ferrite Core)

③ Dimensions (L×W)

Code	Dimensions (L×W)	EIA
15	1.0×0.5mm	0402
18	1.6×0.8mm	0603
32	3.2×2.5mm	1210

④ Applications and Characteristics

Code	Series	Applications and Characteristics
C	LQH	for Choke (Coating Type)
H	LQG	Monolithic Air-core

⑤ Category

Code	Category
H	for Automotive

⑥ Inductance

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 $0.1\mu\text{H}$, 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.

⑦ Inductance Tolerance

Code	Inductance Tolerance
G	$\pm 2\%$
J	$\pm 5\%$
K	$\pm 10\%$
M	$\pm 20\%$
S	$\pm 0.3\text{nH}$

⑧ Features

Code	Features	Series
0	Standard Type	LQG15H/18H
2	Standard Type	LQH32C
3	Low DC Resistance	
5	Low Profile Type	

⑨ Electrode

•Lead (Pb) Free

Code	Electrode
0	Sn
2	
3	LF Solder

⑩ Packaging

Code	Packaging	Series
K	Embossed Taping ($\phi 330\text{mm}$ Reel)	LQH32C
L	Embossed Taping ($\phi 180\text{mm}$ Reel)	
B	Bulk	All Series
J	Paper Taping ($\phi 330\text{mm}$ Reel)	LQG15H/18H
D	Paper Taping ($\phi 180\text{mm}$ Reel)	