

Inductors for General Circuits for Automotive Part Numbering

(Part Number) **LQ H 43 N Z 4R7 M 0 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
H	Wire Wound Type (Ferrite Core)

③ Dimensions (LxW)

Code	Nominal Dimensions (LxW)	Size Code (in inch)
32	3.2x2.5mm	1210
43	4.5x3.2mm	1812

④ Applications and Characteristics

Code	Applications and Characteristics
N	for Resonant Circuit

⑤ Category

Code	Category	
H	Automotive	Powertrain/Safety
Z	Automotive	Infotainment

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 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 $0.1\mu\text{H}$, 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. For those products whose inductance values are specified using three designated digits, these values may be indicated using the closest two digits instead.

⑦ Inductance Tolerance

Code	Inductance Tolerance
J	$\pm 5\%$
K	$\pm 10\%$
M	$\pm 20\%$

⑧ Features

Code	Features
0/2	Standard Type

⑨ Electrode

•Lead (Pb) Free

Code	Electrode
3	LF Solder

⑩ Packaging

Code	Packaging
K	Embossed Taping ($\varnothing 330\text{mm}$ Reel)
L	Embossed Taping ($\varnothing 180\text{mm}$ Reel)