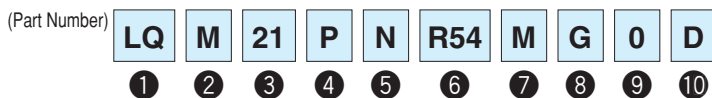


Inductor for Power Lines (Power Inductor) Part Numbering



① Product ID

Product ID	
LQ	Chip Inductors (Chip Coils)

② Structure

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

③ Dimensions (L×W)

Code	Dimensions (L×W)	EIA
15	1.0×0.5mm	0402
18	1.6×0.8mm	0603
21	2.0×1.25mm	0805
2M	2.0×1.6mm	0806
2H	2.5×2.0mm	1008
3N	3.0×3.0mm	1212
31	3.2×1.6mm	1206
32	3.2×2.5mm	1210
43	4.5×3.2mm	1812
44	4.0×4.0mm	1515
5B	5.0×5.0mm	2020
55	5.7×5.0mm/5.87×5.2mm	2220
66	6.3×6.3mm	2525

④ Applications and Characteristics

Code	Series	Applications and Characteristics
D	LQM	for Choke (Low-current DC Power Supplies)
F		for Choke (DC Power Supplies)
D	LQH	for Choke
S		for Choke (Magnetically Shielded Type)
C	LQH/LQW	for Choke (Coating Type)
P	LQM/LQH	for Power Line

⑤ Category

Code	Category
N	Standard Type
B	Special Feature Classification

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 0.1μH, 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.

⑦ Inductance Tolerance

Code	Inductance Tolerance
D	±0.5nH
J	±5%
K	±10%
M	±20%
N	±30%

⑧ Features (Except LQH□□P/LQM□□P)

Code	Features	Series
0	Standard Type	LQM/LQH*1 /LQW
1	Low DC Resistance	LQW
2	Standard Type	LQH32C
3	Low DC Resistance	LQH32C/43CN
5	Low Profile Type	LQH2MC/32C
7	Large Current Type	LQM21F
8	Low DC Resistance /Large Current Type	

*1 Except LQH32 Series

⑨ Thickness (LQH□□P/LQM□□P Only • Except LQH43P)

Code	Dimensions (T)
B	0.35mm
C	0.5mm
D	0.6mm
E	0.7mm
F	0.8mm
0	0.85mm
G	0.9mm
J	1.1mm
M	1.4mm
N	1.55mm
P	1.65mm
R	1.85mm
T	2.0mm

⑩ Electrode (Except LQH□□P/LQM□□P)

•Lead (Pb) Free


Code	Electrode	Series
0	Sn	LQM/LQW
2		LQH2MC
3	LF Solder	LQH (Except LQH2MC)

⑪ Specification (LQH□□P/LQM□□P Only • Except LQH43P)

Code	Specification
0/S	Standard Type
C	Good Bias Current Characteristics Type
R	Low Rdc Type

⑫ Thickness (LQH43P Only)

Code	Dimensions (T)
26	2.6mm

Continued on the following page. 

⑩ Packaging

Code	Packaging	Series
K	Embossed Taping (ø330mm Reel)	LQH*1 /LQM21*2
F		LQH3NP_MR
L	Embossed Taping (ø180mm Reel)	LQH*5/LQM18P/LQM21*2 /LQM31P/LQM2HP/LQM2MP
E		LQH3NP_MR
B	Bulk	LQH2MC/LQM/LQW
J	Paper Taping (ø330mm Reel)	LQM18/LQM21*3
D	Paper Taping (ø180mm Reel)	LQM18/LQM21*4 /LQW

*1 Except LQH2MC/LQH2HP_G0/LQH3NP/LQH43C

*2 LQM21D(22 - 47μH)/LQM21F(4.7 - 47μH) only.

*3 LQM21D(1.0 - 10μH)/LQM21F(1.0 - 2.2μH) only.

*4 LQM21D(1.0 - 10μH)/LQM21F(1.0 - 2.2μH)/LQM21P only.

*5 Except LQH3NP_MR