

NF Chip EMIFIL[®] for Automotive Part Numbering

LC Combined

(Part Number)

NF	L	18	ZT	107	H	1A	3	L
①	②	③	④	⑤	⑥	⑦	⑧	⑨

① Product ID

Product ID	
NF	Chip EMIFIL [®]

② Structure

Code	Structure
L	Multilayer, LC Combined Type
E	Block, LC Combined Type

③ Dimensions (L×W)

Code	Dimensions (L×W)	EIA
18	1.6×0.8mm	0603
31	3.2×1.6mm	1206
61	6.8×1.6mm	2706

④ Features

Code	Features	
HT	For Automotive	Powertrain, Safety, T Circuit
ZT		Infotainment, T Circuit

⑤ Cut-off Frequency (NFL Series)

Expressed by three figures. The unit is in hertz (Hz). The first and second figures are significant digits, and the third figure expresses the number of zeros that follow the two figures.

⑤ Capacitance (NFE Series)

Expressed by three figures. The unit is in pico-farad (pF). The first and second figures are significant digits, and the third figure expresses the number of zeros that follow the two figures.

⑨ Packaging

Code	Packaging	Series
K	Embossed Taping (ø330mm Reel)	NFE
L	Embossed Taping (ø180mm Reel)	NFE
B	Bulk	NFL18/NFE
D	Paper Taping (ø180mm Reel)	NFL18

⑥ Characteristics (NFL Series)

Code	Characteristics
H	Cut-off Frequency

⑥ Characteristics (NFE Series)

Code	Capacitance Temperature Characteristics
C	±20%, ±22%
D	+20/-30%, +22/-33%
F	+30/-80%, +22/-82%
R	±15%
U	-750 ±120ppm/ °C
Z	Other

⑦ Rated Voltage

Code	Rated Voltage
1A	10V
1E	25V
2A	100V

⑧ Electrode

Code	Electrode	Series
3	Sn Plating	NFL
9	Others	NFE