



**THE DATASHEET OF  
NFE61HT102F2A9L**



## ● Part Numbering

### Chip EMIFIL<sup>®</sup> for Automotive 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 <sup>®</sup>

#### ② Structure

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

#### ③ Dimensions (LxW)

Code	Dimensions (LxW)	Size Code (inch)
18	1.6x0.8mm	0603
31	3.2x1.6mm	1206
61	6.8x1.6mm	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.

#### ⑥ 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.

#### 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

#### ⑨ Packaging

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

## Looking for pricing, stock, or lifecycle information?

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