

# NF Chip EMIFIL® Part Numbering

## Capacitor

(Part Number)

NF	M	3D	CC	102	R	1H	3	L
①	②	③	④	⑤	⑥	⑦	⑧	⑨

### ① Product ID

Product ID	
NF	Chip EMIFIL®

### ② Structure

Code	Structure
M	Capacitor Type
A	Capacitor Array Type

### 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
3D	3.2×1.25mm	1205
31	3.2×1.6mm	1206
41	4.5×1.6mm	1806
55	5.7×5.0mm	2220

### ④ Features

Code	Features
CC	Capacitor Type for Signal Lines
PC	Capacitor Type for Large Current
PS	High Insertion Loss Type for Large Current
KC	Capacitor Type for Very Large Current

### ⑤ Capacitance

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
L	Embossed Taping (ø180mm Reel)	NFM3D/NFM31/NFM41/NFM55
B	Bulk	All series
D	Paper Taping (ø180mm Reel)	NFM15/NFM18/NFM21/NFA□□CC

### ⑥ Characteristics

Code	Capacitance Change (Temperature Characteristics)
B	±10%, ±12.5%, +10/-13%
C	±22%
D	+22/-33%
F	+30/-80%, +30/-84%
R	±15%, +15/-18%
U	-750 ±120ppm/°C
S	+350 to -1000ppm/°C

### ⑦ Rated Voltage

Code	Rated Voltage
0J	6.3V
1A	10V
1C	16V
1E	25V
1H	50V
2A	100V

### ⑧ Electrode/Others (NFM Series)

Code	Electrode	Series
3	Sn Plating	NFM (Except for NFM55)
4	Solder Coating	NFM55

### ⑧ Number of Circuits (NFA□□CC Series)

Code	Number of Circuits
4	4 Circuits