

NF Chip EMIFIL[®] for Automotive Part Numbering

Capacitor

(Part Number)

NF	M	21	HC	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

③ Dimensions (L×W)

Code	Dimensions (L×W)	EIA
21	2.0×1.25mm	0805
31	3.2×1.6mm	1206

④ Features

Code	Features	
HC	For Automotive	Powertrain, Safety
HK		

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)	NFM31
B	Bulk	All series
D	Paper Taping (ø180mm Reel)	NFM21

⑥ Characteristics

Code	Capacitance Temperature Characteristics
R	±15%, +15/-18%
U	-750 ±120ppm/°C

⑦ Rated Voltage

Code	Rated Voltage
1A	10V
1C	16V
1H	50V
2A	100V

⑧ Electrode/Others

Code	Electrode	Series
3	Sn Plating	NFM