

The structures of the "Global Part Numbers" that have been adopted since June 2001 and the meaning of each code are described herein. If you have any questions about details, please inquire at your usual Murata sales office or distributor.

● Part Numbering

Chip EMIFIL® LC Combined Type

(Global Part Number)

NF	W	31	SP	206	X	1E	4	L
①	②	③	④	⑤	⑥	⑦	⑧	⑨

① Product ID

Product ID	
NF	Chip EMI Filters LC Combined Type

② Structure

Code	Structure
L	Monolithic, LC Combined Type
W	Winding, LC Combined Type
E	Block, LC Combined Type

③ Dimension (L×W)

Code	Dimension (L×W)	EIA
18	1.6×0.8mm	0603
21	2.0×1.25mm	0805
31	3.2×1.6mm	1206
61	6.8×1.6mm	2606

④ Features

Code	Features
SP	π Circuit for Signal Lines
ST	T Circuit for Signal Lines
PT	T Circuit for Large Current
HT	T Circuit for Heavy-duty

⑤ Cut-off Frequency (NFL/NFW 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 which 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 which follow the two figures.

⑨ Packaging

Code	Packaging	Series
K	Plastic Taping (ø330mm Reel)	NFW31/NFE
L	Plastic Taping (ø180mm Reel)	NFW31/NFE
B	Bulk	NFL18/NFL21/NFE
D	Paper Taping (ø180mm Reel)	NFL18/NFL21

⑥ Characteristics (NFL/NFW Series)

Code	Characteristics
X	Cut off Frequency

⑥ Characteristics (NFE Series)

Code	Capacitance Change
B	±10%
C	±20%, ±22%
D	+20/-30%, +22/-33%
E	+20/-55%, +22/-56%
F	+30/-80%, +22/-82%
R	±15%
U	-750 ±120ppm/ °C
Z	Other

⑦ Rated Voltage

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

⑧ Electrode

Expressed by a figure.

Ex.)

Code	Electrode	Series
3	Sn Plating	NFL
4	Solder Coating	NFW
9	Others	NFE