



**THE DATASHEET OF
NFM18CC470U1C3D**



● Part Numbering

3 Terminal Low ESL Monolithic Ceramic Capacitors

(Part Number)

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

① Product ID ② Series

Product ID	Series
NFM	3 Terminal Low ESL Type

③ Dimensions (LxW)

Code	Dimensions (LxW)	EIA
15	1.0x0.5mm	0402
JM	1.2x0.9mm	05035
18	1.6x0.8mm	0603
21	2.0x1.25mm	0805
3D	3.2x1.25mm	1205
31	3.2x1.6mm	1206
41	4.5x1.6mm	1806

④ Features

Code	Features	
CC	For General	For Signal Lines
PC		For Large Current
PS		High Insertion Loss Type for Large Current
KC		For Very Large Current
HC	Powertrain/Safety for Automotive	For Signal Lines / For Large Current
HK		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.

⑥ Characteristics

Code	Capacitance Temperature Characteristics
B	±10%, ±12.5%, +10/-13%
C	±22%
D	+22/-33%
R	±15%, +15/-18%

⑦ Rated Voltage

Code	Rated Voltage
0E	2.5V
0G	4V
0J	6.3V
1A	10V
1C	16V
1E	25V
1H	50V
2A	100V

⑧ Electrode

Code	Electrode
3	Sn Plating

⑨ Packaging

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

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- ✓ Excess Inventory Management