



**THE DATASHEET OF
NFM18PS105R0J3D**



● Part Numbering

3 Terminal Low ESL Monolithic Ceramic Capacitors

(Part Number)

NFM	3D	CC	102	R	1H	3	L
①	②	③	④	⑤	⑥	⑦	⑧

① Series

Code	Series
NFM	3 Terminal Low ESL Type

② Chip 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

③ Features

Code	Features	Features
CC	For Consumer Electronics & Industrial Equipment	For Signal Lines
PC		For Large Current
PL		Low-profile Type for Large Current
PS		High Insertion Loss Type for Large Current
KC		For Very Large Current
TC	For Automotive (Infotainment /Confort)	For Large Current
HC	For Automotive (Powertrain/Safety)	For Signal Lines / For Large Current
HK		For Very Large Current

④ 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.

⑤ Individual Specification

Expressed by one figures.

⑥ Rated Voltage

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

⑦ Electrode (Except NFM□□PL)

Code	Electrode
3	Sn Plating

⑦ Dimension (T) (NFM□□PL Only)

Code	Height Dimension (T)
5	0.65mm max.

⑧ Packaging

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

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