



**THE DATASHEET OF
NFM41PC204F1H3L**



● 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 | |
|-----------|---|--|
| 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) |

Looking for pricing, stock, or lifecycle information?

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- [Murata Electronics North America Information](#)

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