



**THE DATASHEET OF
NFM41CC223R2A**



● 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) |

Looking for pricing, stock, or lifecycle information?

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- [View NFM41CC223R2A on WIN SOURCE](#)
- [Murata Electronics North America Information](#)

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