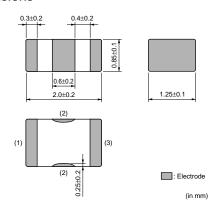
Data Sheet

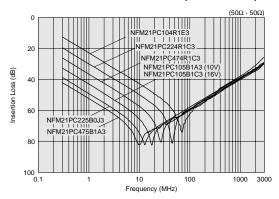
EMIFIL® (Capacitor type) Single Circuit Type for Large Current

NFM21P Series (0805 Size)

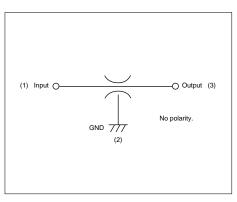
■ Dimensions



■ Insertion Loss Characteristics (Main Items)



■ Equivalent Circuit



■ Packaging

| Code | Packaging | Minimum Quantity | |
|------|------------------|------------------|--|
| D | 180mm Paper Tape | 4000 | |
| В | Bulk(Bag) | 500 | |

■ Rated Value (□: packaging code)

| Part Number | Capacitance | Rated Current | Rated Voltage | Insulation Resistance (min.) | Operating Temperature Range |
|-----------------|----------------|---------------|---------------|------------------------------|--------------------------------|
| NFM21PC104R1E3□ | 0.1μF+20%-20% | 2A | 25Vdc | 1000M ohm | -55°C to +125°C |
| NFM21PC224R1C3□ | 0.22μF+20%-20% | 2A | 16Vdc | 1000M ohm | -55°C to +125°C |
| NFM21PC474R1C3□ | 0.47μF+20%-20% | 2A | 16Vdc | 1000M ohm | -55°C to +125°C |
| NFM21PC105B1A3□ | 1.0μF+20%-20% | 4A | 10Vdc | 500M ohm | -40°C to +85°C |
| NFM21PC105B1C3□ | 1.0μF+20%-20% | 4A | 16Vdc | 500M ohm | -40°C to +85°C |
| NFM21PC225B0J3□ | 2.2μF+20%-20% | 4A | 6.3Vdc | 200M ohm | -40°C to +85°C |
| NFM21PC475B1A3□ | 4.7μF+20%-20% | 6A | 10Vdc | 100M ohm | -40°C to +85°C |

Number of Circuit: 1

Continued on the following page.

This data sheet is applied for CHIP EMIFIL® used for General Electronics equipment for your design.

⚠ Note:

- 1. This datasheet is downloaded from the website of Murata Manufacturing co., ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2. This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.

point is used. Please confirm the solderability of Tin

plating termination chip before use.

Noise Suppression Products/EMI Suppression Filters > EMIFIL® (Capacitor type) > Single Circuit Type for Large Current **Data Sheet** Continued from the preceding page. ■ ①Caution/Notice Notice Do not use products beyond the rated current and Solderability of Tin plating termination chip might be rated voltage as this may create excessive heat deteriorated when low temperature soldering profile and deteriorate the insulation resistance. where peak solder temperature is below the Tin melting

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