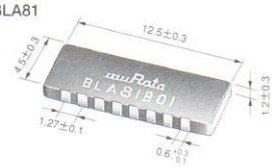
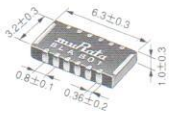
## CHIP TYPE

### ■Chip Solid Inductor Arrays BLA81/62/41 Series

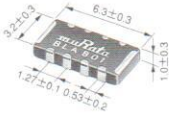
BLA81




BLA62




BLA41




(in mm)

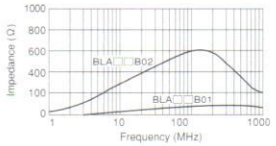
• The large electrodes on both ends of the chip are formed to reinforce fixing conditions.

| Part Number | Impedance (Ω) (Typ.) at 100MHz | Rated Current (mA) | Operating Temp. Range (℃) | Number of circuits |
|---|---|---|---|---|
| BLA41B01 | 70 | 200 | −55 to +125 | 4 |
| BLA41B02 | 600 | 150 * | | 4 |
| BLA62B01 | 70 | 200 | | 6 |
| BLA62B02 | 600 | 100 * | | 6 |
| BLA81B01 | 70 | 300 | | 8 |

* BLA41B02/BLA62B02 series need to derate their rated current. For details, please see individual catalogs or please contact us.

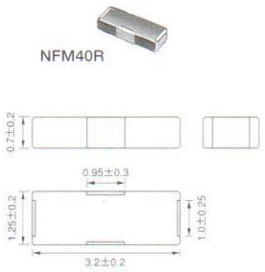
■Impedance Characteristics (Typical values)

• Comparison between BLA□□B01 with BLA□□B02

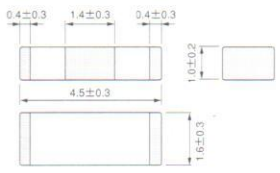



### ■Standard Type Chip EMIFIL® NFM40R/NFM41R Series

NFM40R




NFM41R




(in mm)

• NFM40R Series

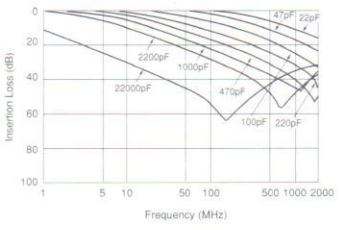
| Part Number | Capacitance (pF) | Rated Volt. (VDC) | Rated Current (mADC) | Insulation Resistance (MΩ) | Operating Temp. Range (℃) |
|---|---|---|---|---|---|
| NFM40R01C220 | 22 ±50/20% | 25 | 300 | 1000 min. | −55 to +125 |
| NFM40R01C470 | 47 ±50/20% | | | | |
| NFM40R01C101 | 100 ±50/20% | | | | |
| NFM40R11C221 | 220 ±50/20% | | | | |
| NFM40R11C471 | 470 ±50/20% | | | | |
| NFM40R11C102 | 1000 ±50/20% | | | | |
| NFM40R11C222 | 2200 ±50/20% | | | | |
| NFM40R11C223 | 22000 ±80/20% | | | | −55 to +85 |

• NFM41R Series

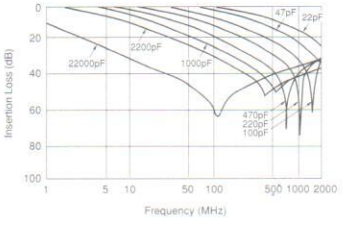
| Part Number | Capacitance (pF) | Rated Volt. (VDC) | Rated Current (mADC) | Insulation Resistance (MΩ) | Operating Temp. Range (℃) |
|---|---|---|---|---|---|
| NFM41R01C220 | 22 ±50/20% | 100 | 300 | 10000 min. | −55 to +125 |
| NFM41R01C470 | 47 ±50/20% | | | | |
| NFM41R01C101 | 100 ±50/20% | | | | |
| NFM41R01C221 | 220 ±50/20% | | | | |
| NFM41R01C471 | 470 ±50/20% | | | | |
| NFM41R11C102 | 1000 ±50/20% | | | | |
| NFM41R11C222 | 2200 ±50/20% | | | | |
| NFM41R11C223 | 22000 ±50/20% | | | | |

■Insertion Loss Characteristics (Typical values)

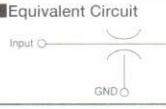
NFM40R




NFM41R




■Equivalent Circuit




*NFM40R/41R series has no polarity.

■Applications: Computers and peripherals, digital TVs/VCRs, etc.