

## NFM18PC Series

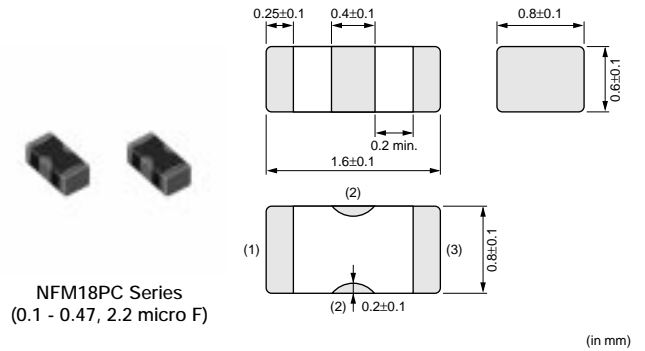
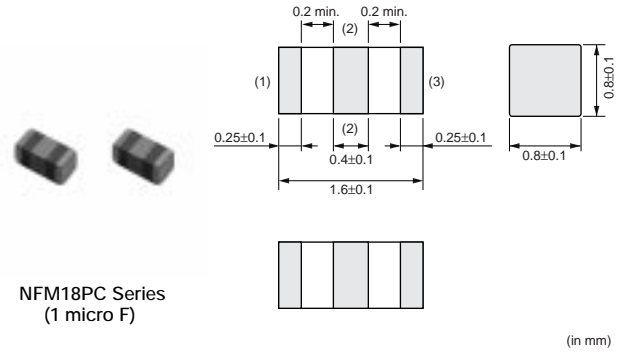
NFM18PC series is a high performance EMI suppression filter in 1.6x0.8mm size for high-speed IC power supply lines by using Murata processing technology.

### ■ Features

1. Ultra-small size in 1.6x0.8mm
  2. Three terminal structure with low residual (ESL)\* and large capacitance 2.2 micro F (max.) realize large insertion loss characteristics over wide frequency range.
  3. Large rated current 2A is suitable for noise suppression of circuits which require large current.
  4. NFM18PC series has line up of capacitance 0.1 to 2.2 micro F.
- \* Not exceeding one-tenth of monolithic ceramic capacitors (two terminal).

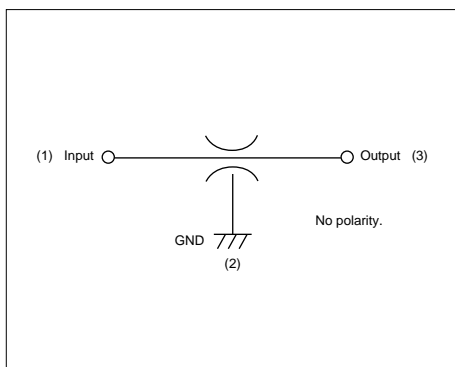
### ■ Applications

1. Noise suppression for large capacitance circuits such as high speed IC power lines
2. Control change of voltage for high speed IC



Part Number	Capacitance (μF)	Rated Voltage (Vdc)	Rated Current (A)	Insulation Resistance (min.) (M ohm)	Operating Temperature Range (°C)
NFM18PC104R1C3	0.1 +20%, -20%	16	2	1000	-55 to +125
NFM18PC224R0J3	0.22 +20%, -20%	6.3	2	1000	-55 to +125
NFM18PC474R0J3	0.47 +20%, -20%	6.3	2	1000	-55 to +125
NFM18PC105R0J3	1.0 +20%, -20%	6.3	2	500	-55 to +105
NFM18PC225B0J3	2.2 +20%, -20%	6.3	2	200	-40 to +85

### ■ Equivalent Circuit



### ■ Insertion Loss Characteristics

