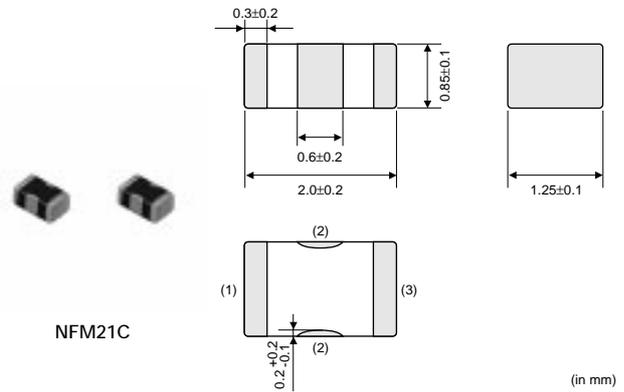


## NFM21C Series

The chip "EMIFIL" NFM21C series is a chip type three terminal EMI suppression filter. It can reduce residual inductance to an extremely low level making it excellent for noise suppression at high frequencies.

### ■ Features

1. Small and low profile of 2.0x1.25x0.85mm (NFM21C) enables high density mounting.
2. Three terminal structure enables high performance in high frequency range.
3. Uses original electrode structure which realizes excellent solderability.
4. An electrostatic capacitance range of 22 to 22000pF enables suppression of noise at specific frequencies.



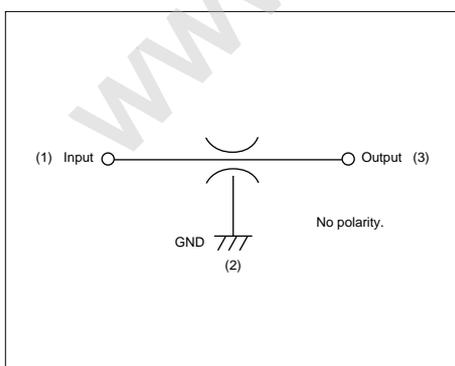
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### ■ Applications

1. PCs and peripherals which emit high amount of noises
2. Compact size equipment such as PDA, PC card and mobile telecommunications equipment
3. Severe EMI suppression and high impedance circuits such as digital circuits

Part Number	Capacitance (pF)	Rated Voltage (Vdc)	Rated Current (mA)	Insulation Resistance (min.) (M ohm)	Operating Temperature Range (°C)
NFM21CC220U1H3	22 +20%,-20%	50	700	1000	-55 to +125
NFM21CC470U1H3	47 +20%,-20%	50	700	1000	-55 to +125
NFM21CC101U1H3	100 +20%,-20%	50	700	1000	-55 to +125
NFM21CC221R1H3	220 +20%,-20%	50	700	1000	-55 to +125
NFM21CC471R1H3	470 +20%,-20%	50	1000	1000	-55 to +125
NFM21CC102R1H3	1000 +20%,-20%	50	1000	1000	-55 to +125
NFM21CC222R1H3	2200 +20%,-20%	50	1000	1000	-55 to +125
NFM21CC223R1H3	22000 +20%,-20%	50	2000	1000	-55 to +125

### ■ Equivalent Circuit



### ■ Insertion Loss Characteristics (Typical)

