



The NFM□□P Series are high current surface mount three terminal capacitors designed for DC power line filtering. These filters provide excellent insertion loss characteristics over a broad frequency range.

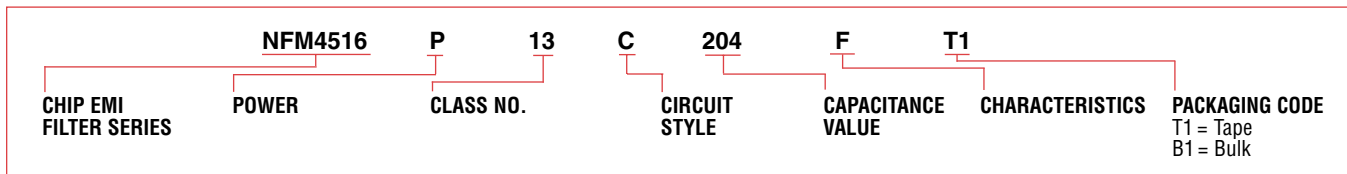
### FEATURES

- Excellent high frequency noise suppression beyond 1GHz
- Insertion loss of 30dB from 500KHz to 1GHz
- High rated current
- Low profile
- Small size

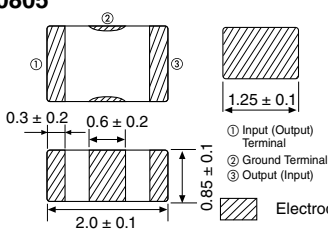
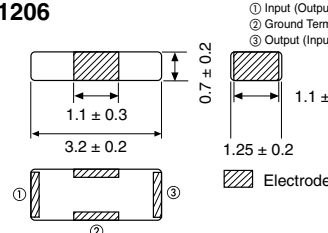
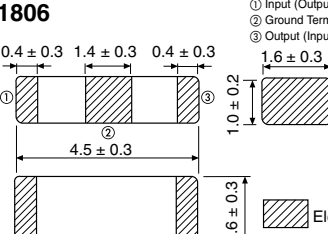
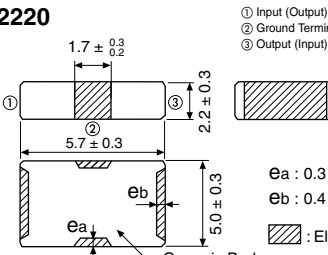
### APPLICATIONS

- High current DC power lines
- Micro computers, peripheral equipment
- Switching power supplies

### PART NUMBERING SYSTEM



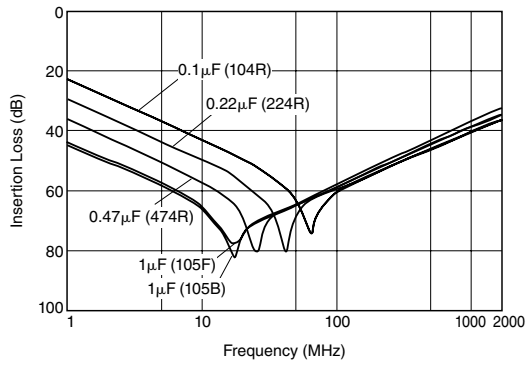
### SPECIFICATIONS

Dimensions: mm	Part Number	Capacitance	Rated Voltage (VDC)	Rated Current (A)	Insulation Resistance (Ohms min.)	DCR (Ohms max.)	Operating Temp. Range
<b>0805</b> 	★NFM2012P14C104R	.1μF ± 20%	25	2	1000M	0.03	-55°C ~ +125°C
	★NFM2012P13C224R	.22μF ± 20%	16	2	1000M	0.03	-55°C ~ +125°C
	★NFM2012P13C474R	.47μF ± 20%	16	2	1000M	0.03	-55°C ~ +125°C
	★NFM2012P13C105F	1μF <sup>+80%</sup> / <sub>-20%</sub>	16	2	500M	0.03	-40°C ~ +85°C
	★NFM2012P13C105B	1μF ± 20%	10	4	500M	0.02	-40°C ~ +85°C
<b>1206</b> 	★NFM40P12C223	0.022μF ± 20%	50	2	100M	0.05	-55°C ~ +85°C
<b>1806</b> 	★NFM4516P13C204F	0.2μF <sup>+80%</sup> / <sub>-20%</sub>	50	2	1000M	0.04	-55°C ~ +85°C
<b>2220</b> 	★NFM46P11C155	1.5μF <sup>+80%</sup> / <sub>-20%</sub>	50	6	100M	0.01	-55°C ~ +85°C

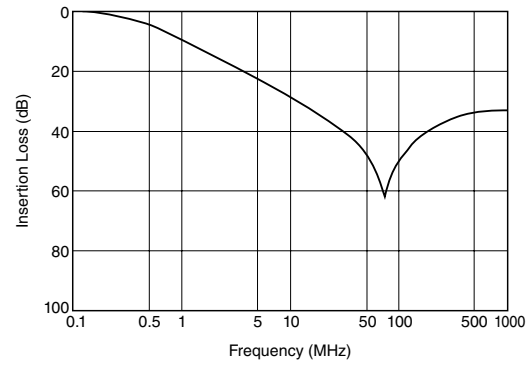
\*Available as standard through authorized Murata Electronics Distributors: Standard packaging is tape and reel.

TYPICAL INSERTION LOSS CHARACTERISTICS

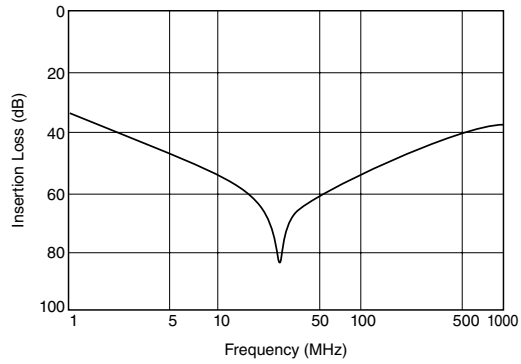
**NFM2012P**



**NFM40P**



**NFM4516P**



**NFM46P**

