



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.

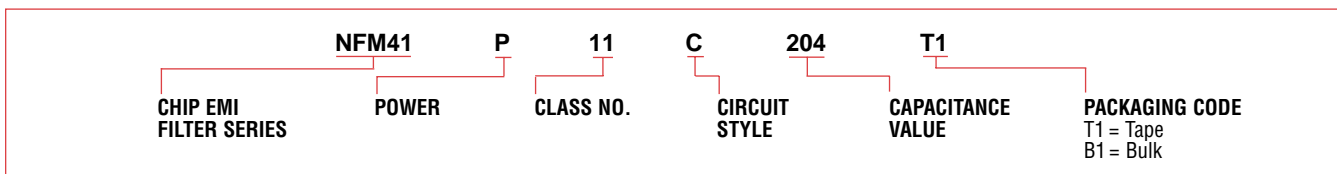
**FEATURES**

- 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**



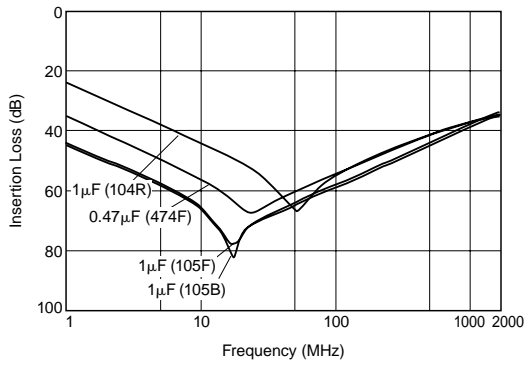
**SPECIFICATIONS**

Dimensions: mm	Part Number	Capacitance	Rated Voltage	Rated Current (A)	Insulation Resistance (Ohms min.)	DCR (Ohms max.)	Operating Temp. Range
<b>0805</b> 	★NFM2012P13C104R	0.1μF±20%	16VDC	2	1000M	0.03	-55°C ~ +125°C
	★NFM2012P13C474F	0.47μF+80% -20%					-40°C ~ +85°C
	★NFM2012P13C105F	.1μF+80% -20%	16VDC	2	500M	0.03	-40°C ~ +85°C
	★NFM2012P13C105B	.1μF ± 20%	10VDC	4	500M	0.02	-40°C ~ +85°C
<b>1206</b> 	★NFM40P12C223	0.022μF±20%	50VDC	2	100M	0.05	-55°C ~ +85°C
<b>1806</b> 	★NFM41P11C204	0.2μF+80% -20%	50VDC	2	1000M	0.04	-55°C ~ +85°C
<b>2220</b> 	★NFM46P11C155	1.5μF+80% -20%	50VDC	6	100M	0.01	-55°C ~ +85°C

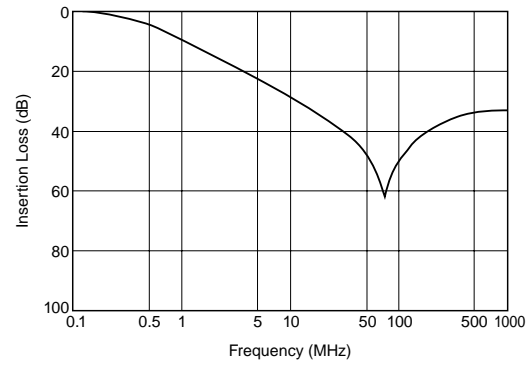
\*Available as standard through authorized Murata Electronics Distributors: Standard packaging is tape and reel.

**TYPICAL INSERTION LOSS CHARACTERISTICS**

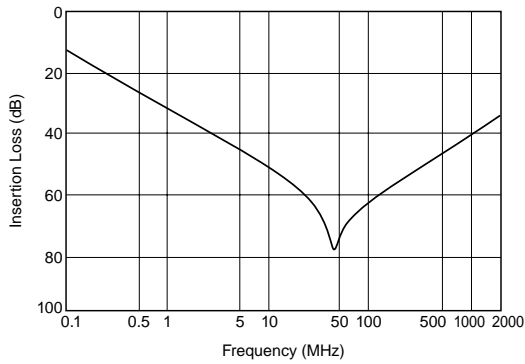
**NFM2012P**



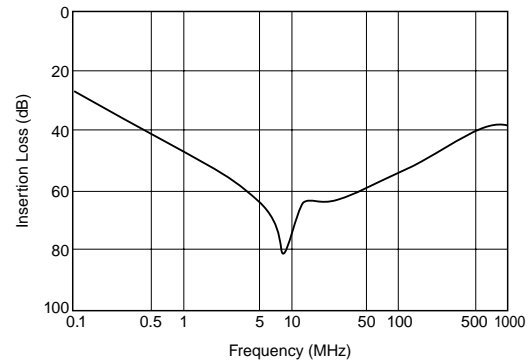
**NFM40P**



**NFM41P**



**NFM46P**



**SURFACE MOUNT EMI FILTERS**