

NFM□□P Series



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.

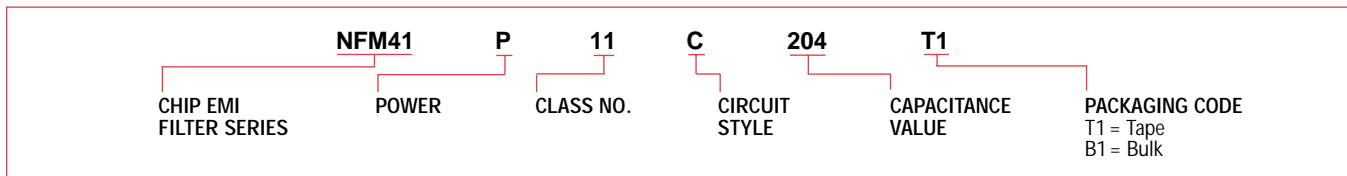
FEATURES

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

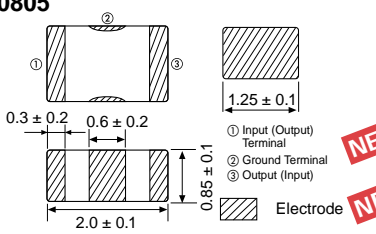
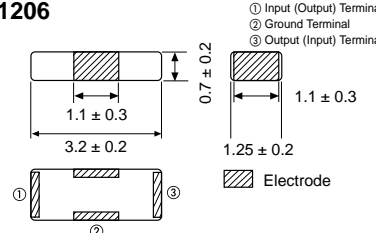
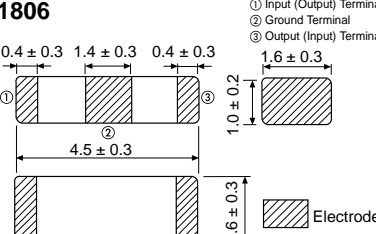
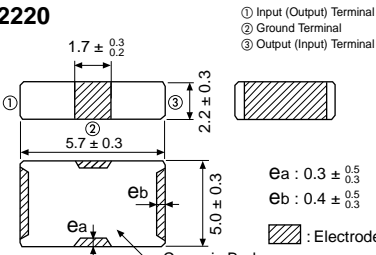
APPLICATIONS

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

PART NUMBERING SYSTEM



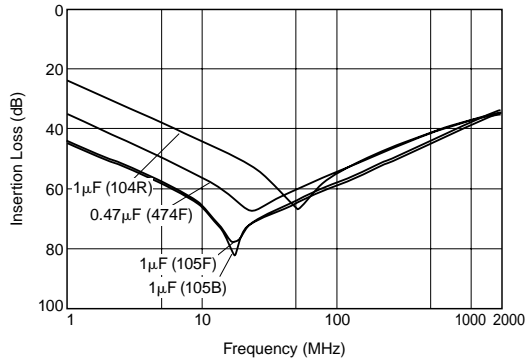
SPECIFICATIONS

Dimensions: mm	Part Number	Capacitance	Rated Voltage	Rated Current (A)	Insulation Resistance (Ohms min.)	DCR (Ohms max.)	Operating Temp. Range
0805 	★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
1206 	★NFM40P12C223	0.022μF±20%	50VDC	2	100M	0.05	-55°C ~ +85°C
1806 	★NFM41P11C204	0.2μF ^{+80%} _{-20%}	50VDC	2	1000M	0.04	-55°C ~ +85°C
2220 	★NFM46P11C155	1.5μF ^{+80%} _{-20%}	50VDC	6	100M	0.01	-55°C ~ +85°C

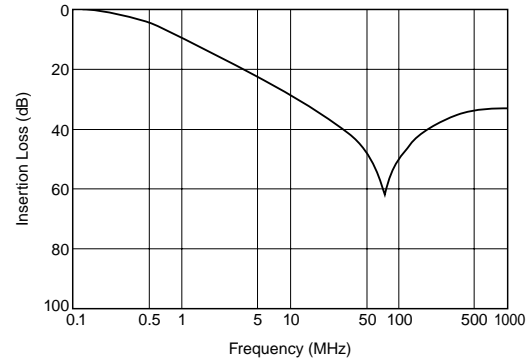
*Available as standard through authorized Murata Electronics Distributors: Standard packaging is tape and reel.

TYPICAL INSERTION LOSS CHARACTERISTICS

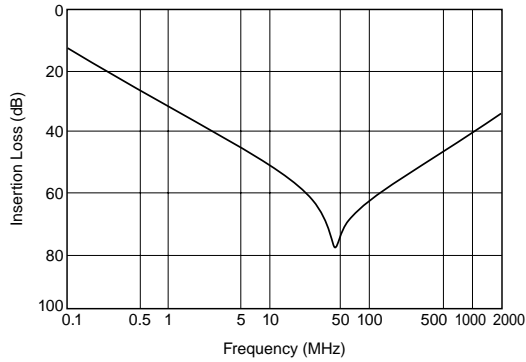
NFM2012P



NFM40P



NFM41P



NFM46P

