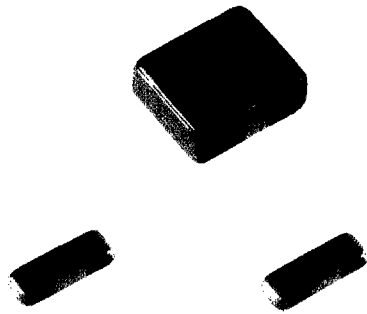


EMI FILTERS SURFACE MOUNT EMI CHIP FILTERS NFM40P/41P/46P SERIES



The NFM40P/41P/46P 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.

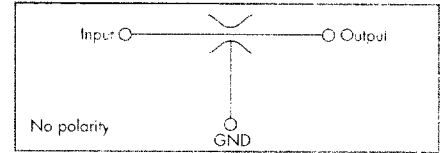
FEATURES

- Excellent high frequency noise suppression beyond 1GHz
- Insertion loss of 30dB from 500kHz to 1GHz
- 6 AMP rated current
- Low profile

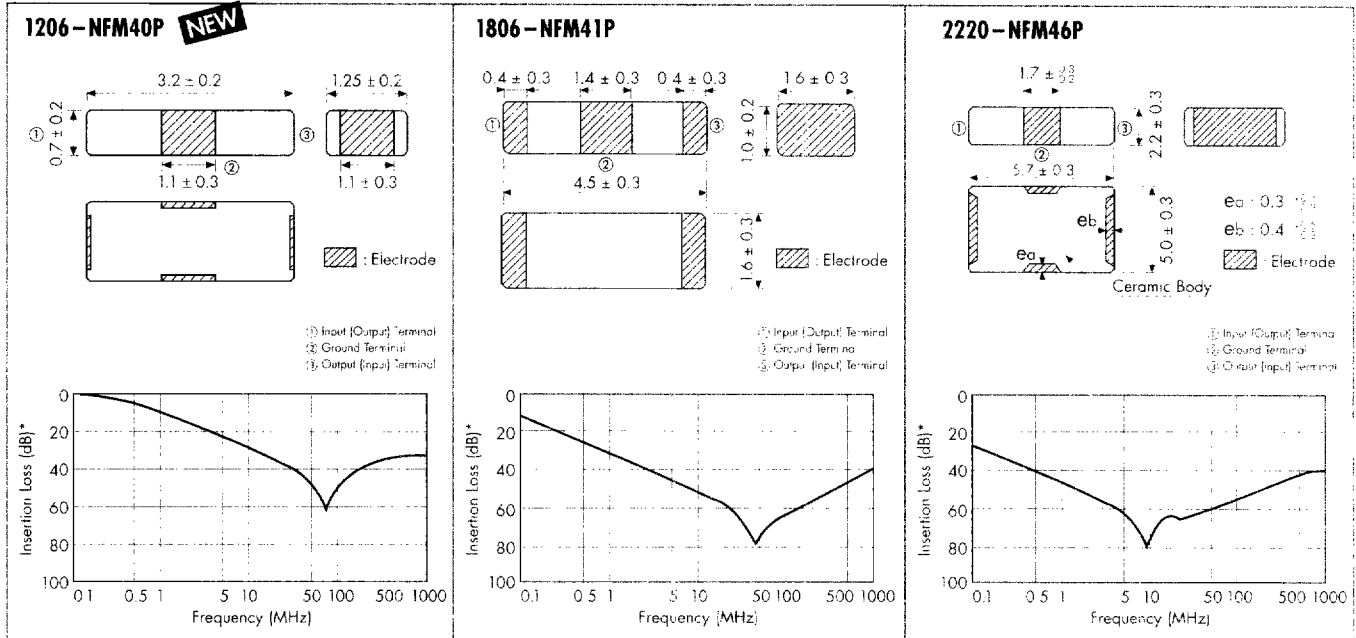
APPLICATIONS

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

EQUIVALENT CIRCUIT



DIMENSIONS: mm

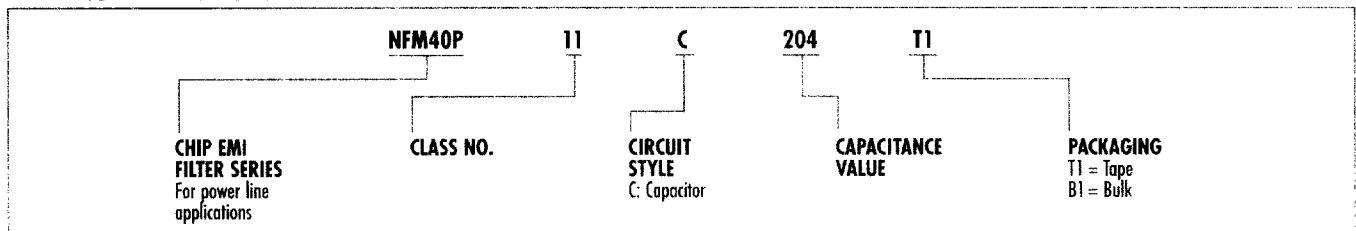


SPECIFICATIONS

Size	Part Number	Capacitance	Rated Voltage	Rated Current (A)	Insulation Resistance	DCR (Ohms max.)	Operating Temperature Range
1206	*NFM40P12C223	22nF ± 20%	50VDC	2	1000MΩ min.	0.05	-55°C ~ +85°C
1806	*NFM41P11C204	0.2μF $\begin{matrix} +80\% \\ -20\% \end{matrix}$	50VDC	2	1000MΩ min.	0.04	-55°C ~ +85°C
2220	*NFM46P11C155	1.5μF $\begin{matrix} +80\% \\ -20\% \end{matrix}$	50VDC	6	100MΩ min.	0.01	-55°C ~ +85°C

*Typical in 50Ω impedance circuit

PART NUMBERING SYSTEM



*Available as standard through authorized Murata Electronics Distributors. *Applicable in North American market only. *Applicable in European market only.
For more detailed information regarding this product line in North America, see Catalog No. E-06-E. To receive additional information on Murata Products call 1-800-831-9172.
For more detailed information regarding this product line in Europe, see Catalog No. C31E-2.