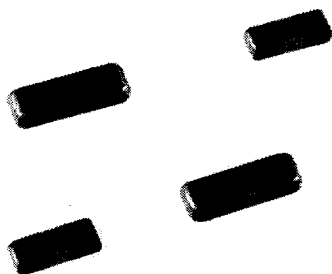


EMI FILTERS

SURFACE MOUNT EMI CHIP FILTERS

NFM39/40/41R SERIES



The NFM39/40/41R Series is a miniature chip type EMI Suppression filter based on feed-thru design. It is well suited for EMI suppression in digital circuit boards or in I/O lines of digital equipment where high density mounting is used.

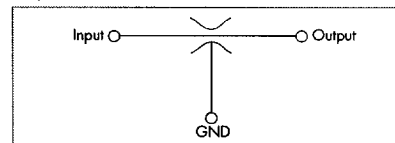
FEATURES

- Miniature size – 2.0mm x 1.25mm x 0.5mm
- Nickel barrier for solder heat resistance
- Wide frequency range of operation up to GHz range
- Tape and reel for auto-placement

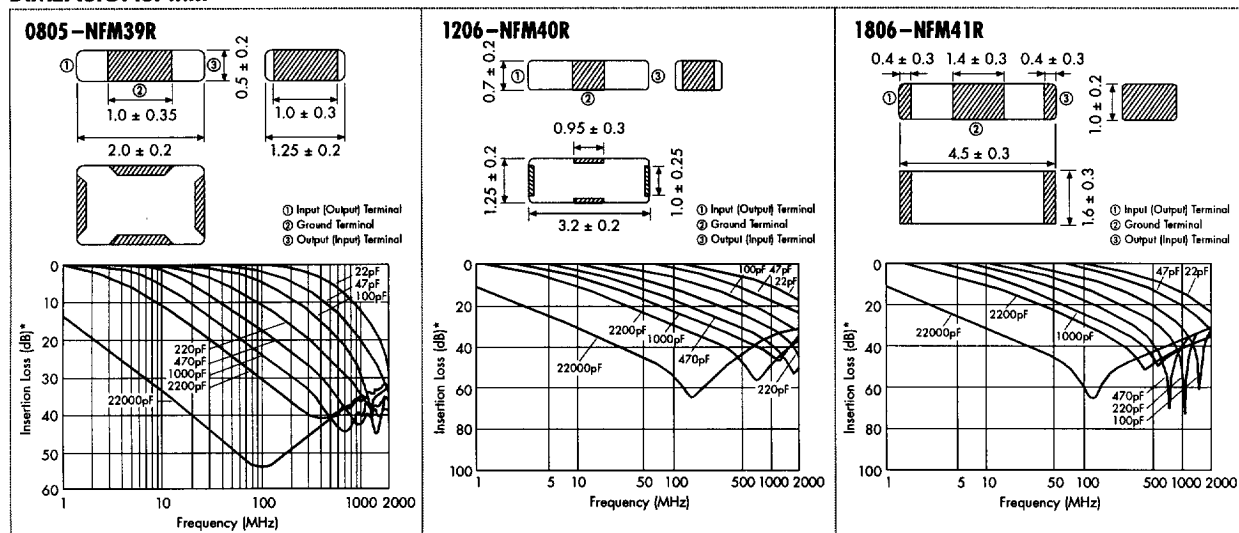
APPLICATIONS

- PCs and peripherals
- Telecommunications
- Consumer products, etc.

EQUIVALENT CIRCUIT



DIMENSIONS: mm

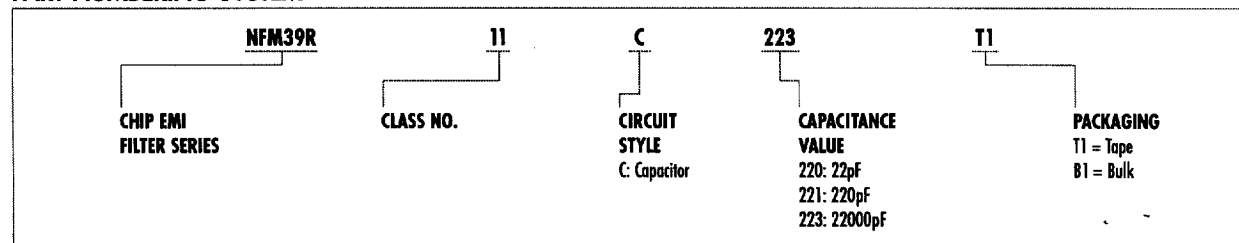


*Typical in 50Ω impedance circuits

SPECIFICATIONS

Size	Capacitance	Rated Voltage	Rated Current (mA)	Insulation Resistance	DC Resistance (Ohms max.)	Operating Temperature Range
0805	22pF ± 20% ~ 22000pF ± 20%	50VDC	300	1000MΩ min.	0.6	-55 ~ +125°C
1206	22pF ± 50% ~ 22000pF ± 50%	25VDC				-55 ~ +85°C ~ -55 ~ +125°C
1806	22pF ± 50% ~ 22000pF ± 50%	100VDC		10000MΩ min.	0.3	-55 ~ +125°C

PART NUMBERING SYSTEM



*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.