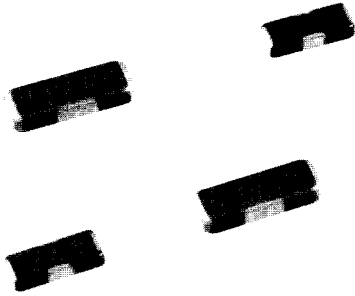


EMI FILTERS

SURFACE MOUNT EMI CHIP FILTERS

NFM39/3212/4516R SERIES



The NFM39/3212/4516R 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.

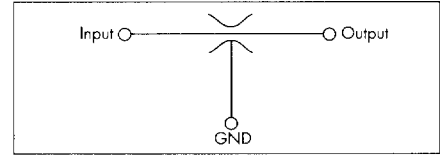
FEATURES

- 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

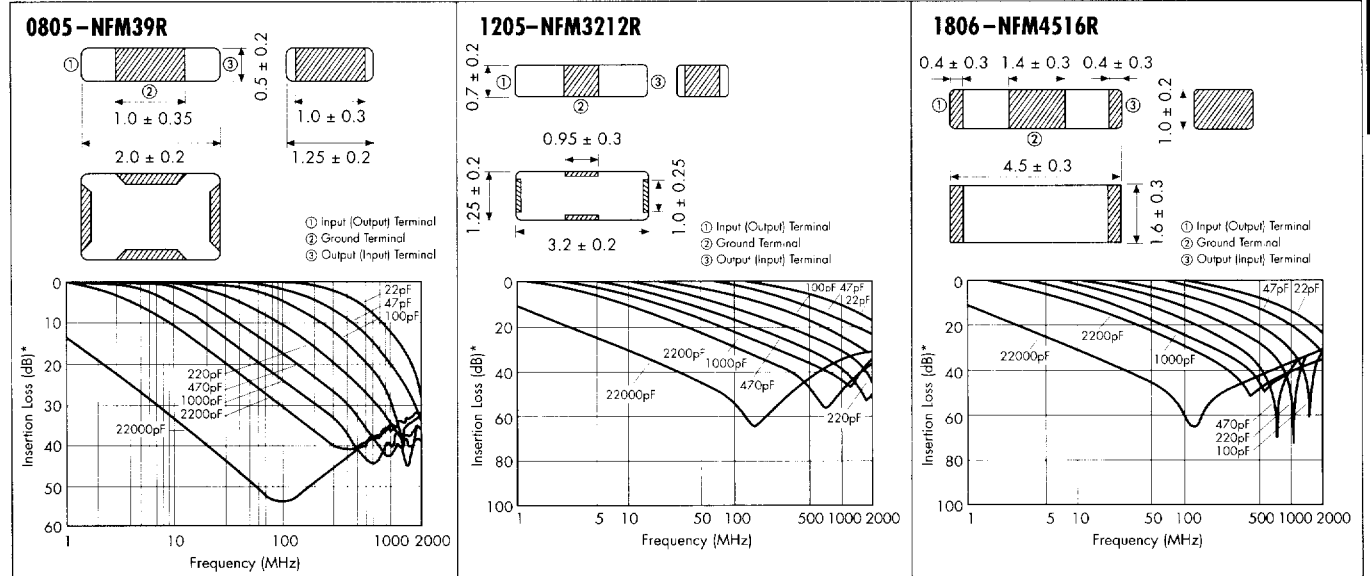
APPLICATIONS

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

EQUIVALENT CIRCUIT



DIMENSIONS: mm

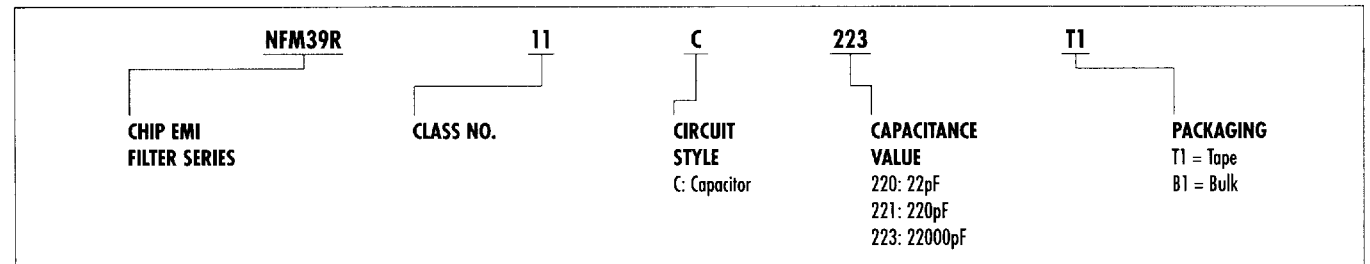


*Typical in 50Ω impedance circuits

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
1205	22pF ± 50% ~ 22000pF ± 50%	50VDC				-55 ~ +125°C
1806	22pF ± 50% ~ 220pF ± 50% 470pF ± 50% ~ 22000pF ± 50%	100VDC				10000MΩ min.

PART NUMBERING SYSTEM



For more detailed information regarding this product line, see Catalog No. C31E-4.

EMI FILTERS