



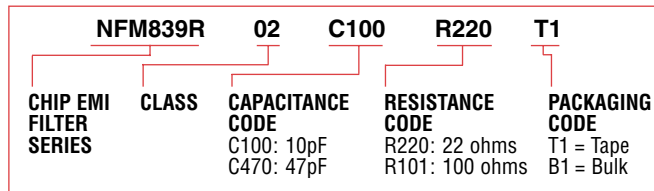
The NFM839R Series is a high performance EMI suppression filter which suppresses noise while limiting waveform distortion.

Available in three different values with cut-off frequencies ranging from 20MHz to 100MHz.

### FEATURES

- Use of a distributed circuit constant allows a smooth change of impedance, preventing reflection of signal and distortion of wave shape
- The NFM839R Series is effective where ground is unstable, because the resistance element in the filter absorbs noise
- STD EIA size
- Steep attenuation characteristics

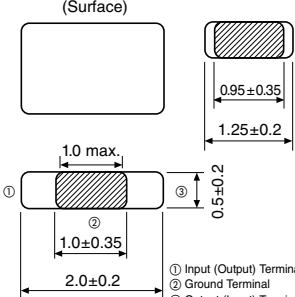
### PART NUMBERING SYSTEM



### APPLICATIONS

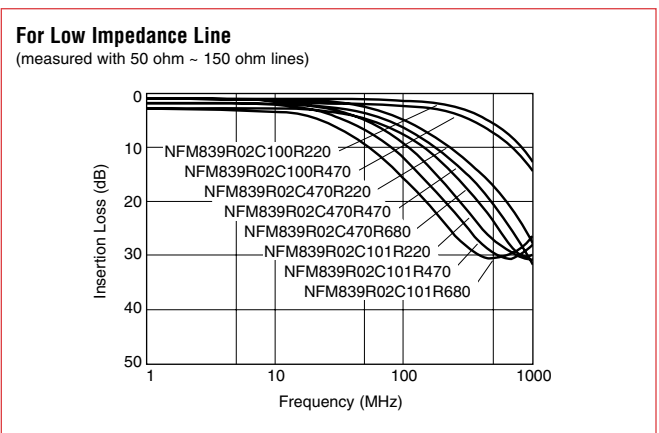
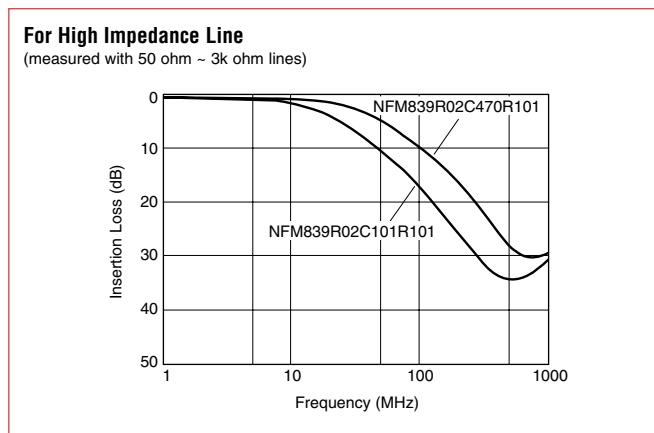
Suppression of noise in interface line or clock line of digital equipment (such as personal computers, word processors).

### SPECIFICATIONS

Dimensions: mm	Part Number	Capacitance (pF)	Resistance (Ohms)	Rated Current (mA) ① - ③	Rated Voltage (VDC) ①③ - ②	Insulation Resistance (Ohms min.) ①③ - ②	Operating Temperature Range
<b>0805</b> (Surface) 	★NFM839R02C100R220	10 ± 20%	22 ± 30%	50	50	1000M	-40 ~ +85°C
	★NFM839R02C100R470		47 ± 30%	35			
	★NFM839R02C470R220	47 ± 20%	22 ± 30%	50			
	★NFM839R02C470R470		47 ± 30%	35			
	★NFM839R02C470R680		68 ± 30%	30			
	★NFM839R02C470R101		100 ± 30%	25			
	★NFM839R02C101R220	100 ± 20%	22 ± 30%	50			
	★NFM839R02C101R470		47 ± 30%	35			
	★NFM839R02C101R680		68 ± 30%	30			
	★NFM839R02C101R101		100 ± 30%	25			

★ Available as standard through authorized Murata Electronics Distributors.

### TYPICAL INSERTION LOSS CHARACTERISTICS



SURFACE MOUNT  
EMI FILTERS