

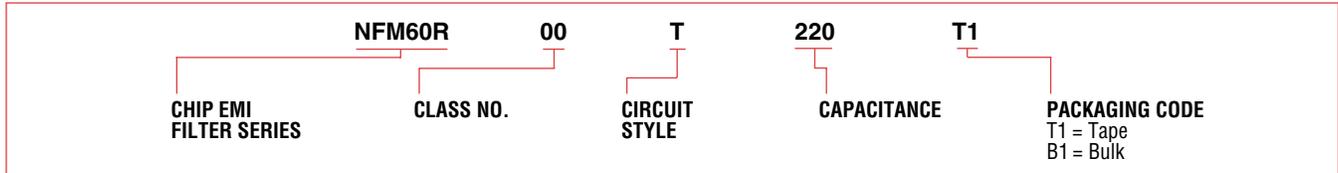
# SURFACE MOUNT EMI FILTERS CHIP FILTERS

## NFM60R Series



The NFM60R Series is an EIA standard 1206 size version of the NFM61R. Its high rated current (6A) and low voltage drop due to small DC resistance (Typ. 3 ~ 4mΩ) are suitable for DC power line use. The feedthrough capacitor provides excellent high-frequency characteristics. The series has excellent solder heat resistance. Both flow and reflow soldering method can be employed. (Only reflow soldering should be employed with the NFM60R20T152.)

### PART NUMBERING SYSTEM



### SPECIFICATIONS

Dimensions: mm	Part Number	Capacitance	Rated Voltage	Rated Current (A)	Insulation Resistance (Ohms min.)	DC Resistance (Ohms max)	Operating Temp. Range
<b>1206</b> <p>① Input (Output) Terminal                      ② Ground Terminal                      ③ Output (Input) Terminal</p>	★NFM60R00T220	22pF ± 30%	25VDC	6	1000M	.0057M	-40°C ~ +85°C
	★NFM60R00T470	47pF ± $\frac{50}{20}$ %					
	★NFM60R00T101	100pF ± $\frac{80}{20}$ %					
	★NFM60R00T221	220pF ± $\frac{50}{20}$ %					
	★NFM60R10T471	470pF ± $\frac{50}{20}$ %					
	★NFM60R20T152	1500pF ± $\frac{50}{20}$ %					
	★NFM60R30T222	2200pF ± 50%					

**Note:** NFM60R20T152 is specially adapted for reflow soldering. The flow soldering method should not be used.

★Available as standard through authorized Murata Electronics Distributors.

### TYPICAL INSERTION LOSS CHARACTERISTICS

