EMIFIL* is the trademark of Murata Manufacturing Co., Ltd



T-type Chip EMIFIL® NFM60R/NFM61R/NFM61RH Series

Meets High Current of 6A T-Type Circuit Chip EMIFIL® with Ferrite Beads

FEATURES

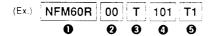
- Its large rated current and low voltage drop due to small DC resistance are suitable for DC power line use.
- 2. The feedthrough capacitor realized excellent high-frequency characteristics.
- 3. The structure incorporates built-in ferrite beads which minimize resonance with surrounding circuits.
- 4. For rugged operating environments such as automobile circuitry, Murata offers the heavy duty NFM61RH series. These filters have an extended operating temperature range of −55°C to +125°C.
- The series has excellent solder heat resistance. Both flow and reflow soldering method can be employed. (Reflow soldering should be employed with the NFM60R 1500pF, NFM61RH 3300pF filter.)

EAPPLICATIONS

- Office equipment such as personal computers, word processors and facsimiles
- Audio visual equipment such as TVs and VCRs

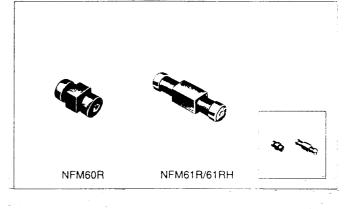
PART NUMBERING

(Please specify the part number when ordering.)

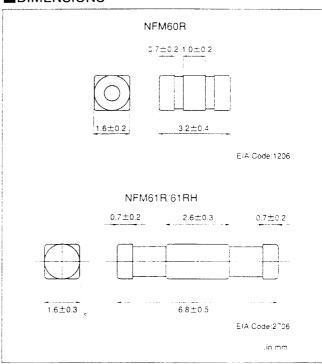


- OType
- **2**Class No.
- **3**Circuit Composition
- **O**Characteristics
- **⑤**Packaging Code T1: Taped

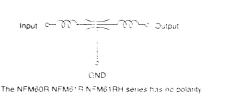
B1: Bulk package



DIMENSIONS



EQUIVALENT CIRCUIT DIAGRAM



SPECIFICATIONS

NFM60R Series (Compact Size Type)

Part Number	Capacitance	Rated Voltage	Rated Current	Insulation Resistance	Operating Temp. Range
NFM60R00T220	22pF±30%	25VDC	6ADC	1000M Ω min.	−40°C to +85°C
NFM60R00T470	47pF± 50%				
NFM60R00T101	100pF± 80%				
NFM60R00T221	220pF± 50%				
NFM60R10T471	470pF± 50%				
NFM60R20T152 * 1	1500pF± 50%				
NFM60R30T222	2200pF±50%				

^{*1} NFM60R20T152 is specially adapted for flow soldering. The flow soldering method should not be used.

NFM61R Series

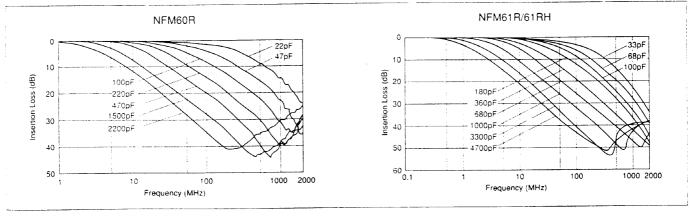
Part Number	Capacitance	Rated Voltage	Rated Current	Insulation Resistance	Operating Temp. Range
NFM61R00T330 *2	33pF±30%	50VDC	2ADC	1000M Ω min.	−25°C to +85°C
NFM61R00T680 * 2	68pF±30%				
NFM61R00T101	100pF±30%				
NFM61R00T181	180pF±30%				
NFM61R00T361	360pF±20%				
NFM61R00T681 *2	680pF±30%				
NFM61R10T102	1000pF± 80%				
NFM61R30T472	4700pF± 80 %				

NFM61RH Series (Heavy Duty Type)

Part Number	Capacitance	Rated Voltage	Rated Current	Insulation Resistance	Operating Temp. Range
NFM61RH00T330 * 2	33pF±30%	100VDC	2ADC	1000M Ω min.	−55°C to +125°C
NFM61RH00T680 * 2	68pF±30%				
NFM61RH00T101	100pF±30%				
NFM61RH00T181	180pF±30%				
NFM61RH00T361	360pF±20%				
NFM61RH00T681 * 2	680pF±30%				
NFM61RH10T102	1000pF±30%				
NFM61RH20T332 * 2	3300pF±30%				

^{* 2} Marked items are not standard. NFM61RH20T332 is specially adapted for reflow soldering. The flow soldering method should not be used.

■INSERTION LOSS CHARACTERISTICS (TYPICAL)



■INSERTION LOSS MEASURING CIRCUIT

