



The T-type chip, NFM61R/RH, is a 3 terminal capacitor capable of carrying the large currents (2A) required for use in DC power circuits. This chip series consists of a T-type filter circuit incorporating a ferrite bead inductor for the purpose of suppressing undesirable oscillation. The heavy duty NFM61RH is an improved version of the filter for use in harsh operating conditions.

### APPLICATIONS

- Switching power supplies
- Excellent high frequency noise suppression
- High current applications

### PART NUMBERING SYSTEM

<b>NFM61R</b>	<b>10</b>	<b>T</b>	<b>102</b>	<b>T1</b>
CHIP EMI FILTER SERIES	CLASS NO.	CIRCUIT STYLE	CAPACITANCE	PACKAGING CODE
				T1 = Tape B1 = Bulk

### SPECIFICATIONS

Dimensions: mm	Part Number	Capacitance	Rated Voltage	Rated Current (A)	Insulation Resistance (Ohms min.)	Operating Temp. Range
<b>2606</b> 	*NFM61R00T330	33pF ± 30%	50VDC	2	1000M	-25°C ~ + 85°C
	*NFM61R00T680	68pF ± 30%				
	*NFM61R00T101	100pF ± 30%				
	*NFM61R00T181	180pF ± 30%				
	*NFM61R00T361	360pF ± 20%				
	*NFM61R00T681	680pF ± 30%				
	*NFM61R10T102	1000pF ± $\frac{80}{20}\%$	100VDC	2	1000M	-55°C ~ + 125°C
	*NFM61R30T472	4700pF ± $\frac{80}{20}\%$				
	*NFM61RH00T330	33pF ± 30%				
	*NFM61RH00T680	68pF ± 30%				
	*NFM61RH00T101	100pF ± 30%				
	*NFM61RH00T181	180pF ± 30%				
	*NFM61RH00T361	360pF ± 20%				
	*NFM61RH00T681	680pF ± 30%				
	*NFM61RH10T102	1000pF ± $\frac{80}{20}\%$				
	*NFM61RH20T332	3300pF ± $\frac{80}{20}\%$				

**Note:** NFM61RH20T332 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

