

NFE61PT680B1H9#

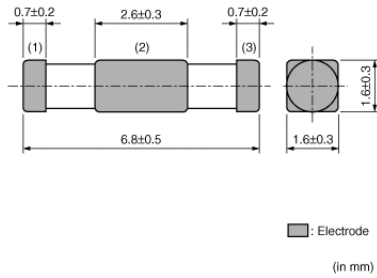
“#” indicates a package specification code.



< List of part numbers with package codes >

NFE61PT680B1H9L NFE61PT680B1H9K NFE61PT680B1H9B

Appearance & Shape



Features

The chip "EMIFIL" NFE61PT is a T-type circuit EMI suppression filter.

Features

1. Its large rated current of 2A and low voltage drop due to small DC resistance are suitable for DC power line use.
2. The feedthrough capacitor realizes excellent high frequency characteristics.
3. The structure incorporates built-in ferrite beads which minimize resonance with surrounding circuits.
4. 33 to 4,700pF lineups can be used in signal lines.

Applications

Other Usage	For general
-------------	-------------

Packaging Information

Packaging	Specifications	Minimum Order Quantity
L	180mm Embossed Tape	2500
K	330mm Embossed Tape	8000
B	Bulk(Bag)	500

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

NFE61PT680B1H9#

“#” indicates a package specification code.



Specifications

Shape	SMD	Capacitance Tolerance	±30%
Size Code (in mm)	6816		
Size Code (in inch)	2706		
Length	6.8mm		
Length Tolerance	±0.5mm		
Width	1.6mm		
Width Tolerance	±0.3mm		
Thickness	1.6mm		
Thickness Tolerance	±0.3mm		
Rated Current	2A		
Operating Temperature Range	-40°C to 85°C		
Mass(typ.)	0.062g		
Number of Circuit	1		
Insulation Resistance(min.)	1000MΩ		
Rated Voltage	50Vdc		
Withstanding Voltage	125Vdc		
Capacitance	68pF		

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

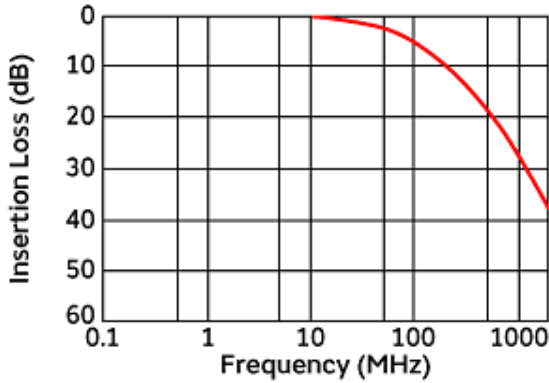
2.This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

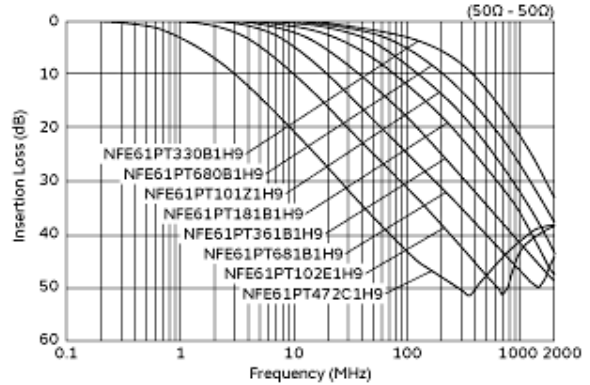
NFE61PT680B1H9#

"#" indicates a package specification code.

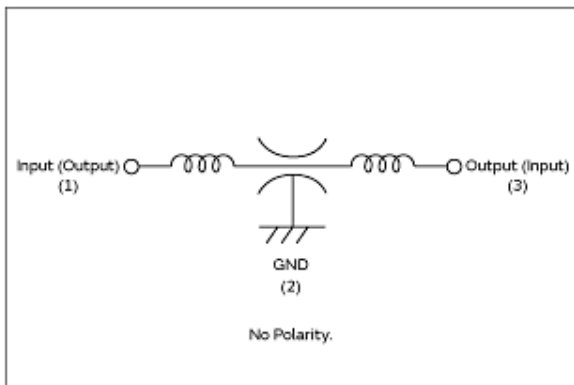
Product Data



Insertion Loss Characteristics



Insertion Loss Characteristics (Main Items)



Equivalent Circuit

Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.