

# NFE61PT472C1H9#

Note: This datasheet may be out of date.

Please download the latest datasheet of NFE61PT472C1H9# from the official website of Murata Manufacturing Co., Ltd.

<http://www.murata.com/en/products/productdetail?partno=NFE61PT472C1H9%23>

#" indicates a package specification code.

In Production

RoHS

REACH

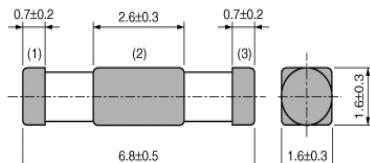
&lt; List of part numbers with package codes &gt;

NFE61PT472C1H9B

NFE61PT472C1H9K

NFE61PT472C1H9L

## Appearance & Shape



■: Electrode  
(in mm)

## Packaging Information

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

## 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

### Attention

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

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## Specifications

Shape	SMD
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
Operating Temperature Range	-40°C to 85°C
Mass(typ.)	0.062g
Number of Circuit	1
Rated Current	2A
Rated Voltage	50Vdc
Withstanding Voltage	125Vdc
Insulation Resistance(min.)	1000MΩ
Capacitance	4700pF
Capacitance Tolerance	80/-20%
Size Code (in mm)	6816

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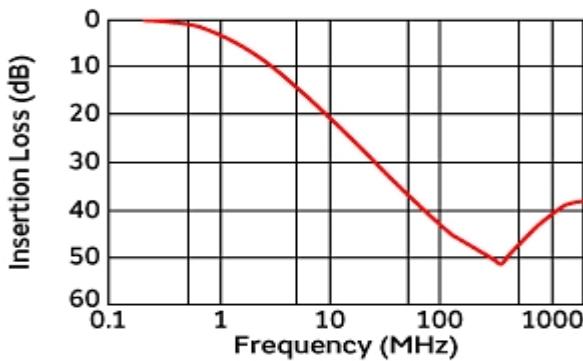
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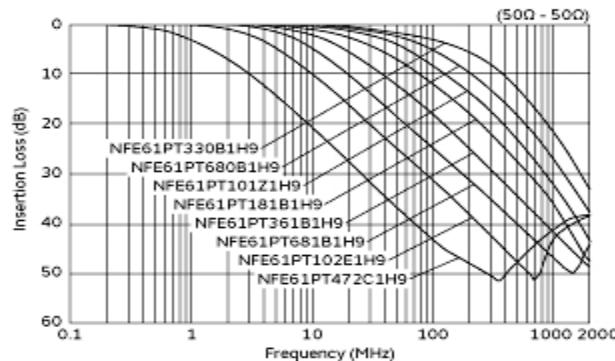
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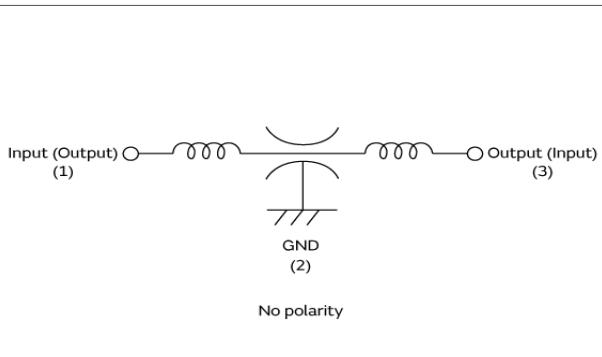
## Product Data



Insertion Loss Characteristics



Insertion Loss Characteristics (Main Items)



Equivalent Circuit

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