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"#"at the end indicates the package specification code.

NFE61HT101Z2A9L









< List of part numbers with package codes >

NFE61HT101Z2A9B NFE61HT101Z2A9K

NFE61HT101Z2A9L



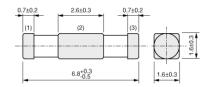
Applications

Unsuitable	Please be sure to read and comply with		
Applications	these "Precautions for use."		
	Automotive powertrain/safety equipment,		
	Automotive infotainment/comfort		
	equipment,Consumer equipment,		
	Medical equipment [GHTF A/B/C]		
	except for implant & surgery & auto		
	injector,Industrial Equipment		
Specific	Please refer to Our Website and		
Applications	specifications, etc. for information about		
	the performance, functions, quality,		
	management, and safety required for		
	the above applications, and use		
	Products after confirming the		
	performance and reliability of the actual		
	Product.		
Recommended	Automotive powertrain/safety equipment		
Applications			



Appearance & Shape





(in mm)

Packaging Information

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



Features

The T-type chip EMI Filter NFE61HT series consists of a feedthrough capacitor and ferrite beads.

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 3,300pF lineups can be used in signal lines.

1 of 3

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





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Specifications

Shape	SMD
Size Code (in inch)	2706
Length	6.8mm
Length Tolerance	+0.3/-0.5mm
Width	1.6mm
Width Tolerance	±0.3mm
Thickness	1.6mm
Thickness Tolerance	±0.3mm
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.062g
Number of Circuit	1
Rated Current	2A
Rated Voltage	100Vdc
Withstanding Voltage	250Vdc
Insulation Resistance(min.)	1000ΜΩ
Capacitance	100pF
Capacitance Tolerance	±30%
Size Code (in mm)	6816

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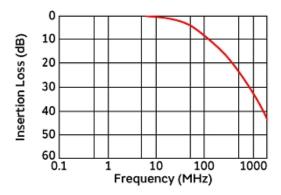
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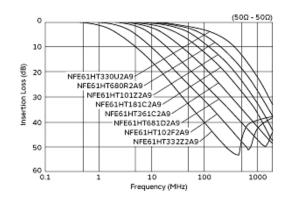
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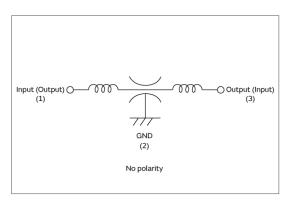






Insertion Loss Characteristics

Insertion Loss Characteristics (Main Items)



Equivalent Circuit

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