#### Data Sheet For Automotive EMIFIL® (Capacitor type) for Automotive NFE61H Series (2606 Size) Dimensions Insertion Loss Characteristics (Main Items) (50Ω - 50Ω) NFE61HT330U2A9 NFE61HT680R2A9 10 0.7±0.2 2.6±0.3 0.7±0.2 NFE61HT101Z2A9 (2) (1) (3) 20 Insertion Loss (dB) NFE61HT181C2A9 NFE61HT361C2A9-30 NFE61HT681D2A9 NFE61HT102F2A9 6.8+0.3 .6±0.3 NFE61HT332Z2A9 50 60 0.1 10 1000 1 100 Frequency (MHz) (in mm) Equivalent Circuit Packaging Code Packaging Minimum Quantity L 180mm Embossed Tape 2500 κ 330mm Embossed Tape 8000 в Bulk(Bag) 500 Output Input (1) GND No polarity ■ Rated Value (□: packaging code)

Part Number	Capacitance	Rated Current	Rated Voltage	Insulation Resistance (min.)	Operating Temperature Range
NFE61HT330U2A9	33pF+30%-30%	2A	100Vdc	1000M ohm	-55°C to +125°C
NFE61HT680R2A9	68pF+30%-30%	2A	100Vdc	1000M ohm	-55°C to +125°C
NFE61HT101Z2A9	100pF+30%-30%	2A	100Vdc	1000M ohm	-55°C to +125°C
NFE61HT181C2A9	180pF+30%-30%	2A	100Vdc	1000M ohm	-55°C to +125°C
NFE61HT361C2A9	360pF+20%-20%	2A	100Vdc	1000M ohm	-55°C to +125°C
NFE61HT681D2A9	680pF+30%-30%	2A	100Vdc	1000M ohm	-55°C to +125°C
NFE61HT102F2A9	1000pF+80%-20%	2A	100Vdc	1000M ohm	-55°C to +125°C
NFE61HT332Z2A9	3300pF+80%-20%	2A	100Vdc	1000M ohm	-55°C to +125°C

Number of Circuit: 1

Continued on the following page.

This data sheet is applied for CHIP EMIFIL<sup>®</sup> used for Automotive Electronics equipment for your design.

### **∆** Note:

1. This datasheet is downloaded from the website of Murata Manufacturing co., Itd. 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 approve our product specifications or transact the approval sheet for product specifications before ordering.



Data Sheet

#### Continued from the preceding page.

# ■ ①Caution/Notice

## Caution (Rating)

1. Do not use products beyond the rated current and rated voltage as this may create excessive heat and deteriorate the insulation resistance.

 Be sure to provide an appropriate fail-safe function on your product to prevent a second damage that may be caused by the abnormal function or the failure our product. Notice

Solderability of Tin plating termination chip might be deteriorated when low temperature soldering profile where peak solder temperature is below the Tin melting point is used. Please confirm the solderability of Tin plating termination chip before use. 2

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