NFL15ST207X0J3#

"#" indicates a package specification code.

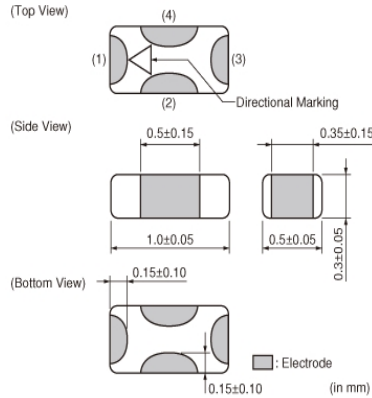**Discontinued** | **RoHS** | **REACH**

< List of part numbers with package codes >

NFL15ST207X0J3B   NFL15ST207X0J3D

Appearance & Shape

(Top View)

(1) (2) (3) (4)

Directional Marking

(Side View)

0.5±0.15   0.35±0.15

1.0±0.05   0.5±0.05   0.3±0.05

(Bottom View)

0.15±0.10

0.15±0.10

☐ : Electrode

(in mm)

Features

Features (NFL15STseries)
1. This product is compact size EMI suppression filter of
   1.0x0.5x0.3mm. It has steep and deep insertion loss
   characteristics with T-type circuit.
2. This product has large insertion loss in wide frequency range,
   results to good noise suppression effect.
3. Sharp insertion loss curve enables both high noise suppression
   effect and low damage to signal waveform.
4. There are 4 line up of cutoff frequency between
   150MHz to 500MHz.

Application
   EMI suppression of clock lines, video lines.

Applications

Other Usage	For general

Packaging Information

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
D	180mm Paper Tape	10000

1 of 3

Attention

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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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NFL15ST207X0J3#

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Specifications

Shape	SMD
Size Code (in inch)	0402
Length	1.0mm
Length　Tolerance	±0.05mm
Width	0.5mm
Width Tolerance	±0.05mm
Thickness	0.3mm
Thickness　Tolerance	±0.05mm
Operating Temperature Range	-40℃ to 85℃
Mass(typ.)	0.0005g
Number of Circuit	1
Rated Current	50mA
Rated Voltage	6.3Vdc
Withstanding Voltage	18.9Vdc
Insulation Resistance(min.)	1000MΩ
Insertion Loss	6dB max.(0 to 200MHz),25dB min.(600 to 1000MHz)
Nominal Cut-off Frequency	200MHz
Capacitance	17pF
Inductance	105nH
Size Code (in mm)	1005

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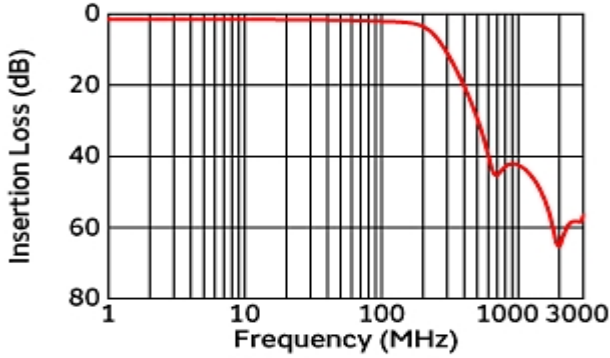
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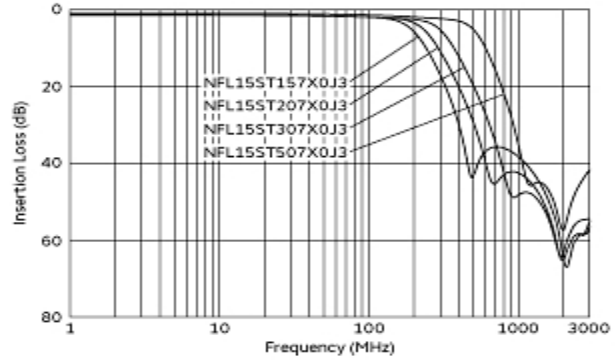
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URL : https://www.murata.com/

Last updated01/26/2021

Note: This datasheet may be out of date.

Please download the latest datasheet of NFL15ST207X0J3# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NFL15ST207X0J3%23

NFL15ST207X0J3#

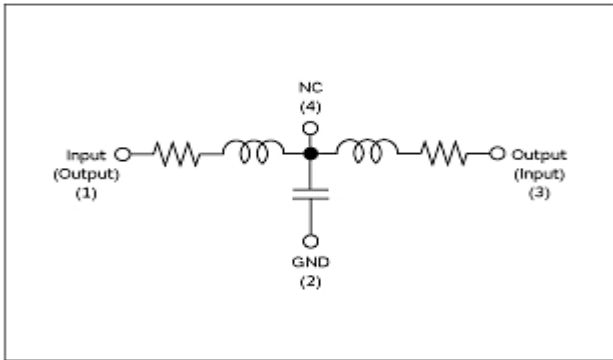"#" indicates a package specification code.

Product Data

Insertion Loss Characteristics

Insertion Loss Characteristics (Main Items)

Equivalent Circuit

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