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Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of NFL18ST207H1A3# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=NFL18ST207H1A3%23

NFL18ST207H1A3#

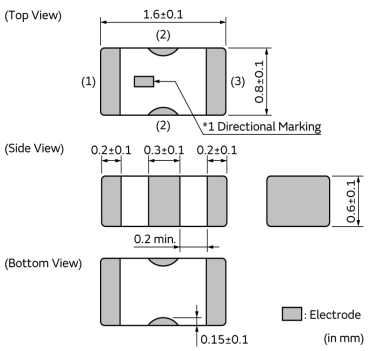
"#" indicates a package specification code.

In Production RoHS REACH

< List of part numbers with package codes >
NFL18ST207H1A3D NFL18ST207H1A3B

Appearance & Shape





*1 There is no electrical polarity, but there is a directional marking on the top of the product to identify inner physical direction.

Features

Features (NFL18ST_H/NFL18ZT series)
1. This product is compact size EMI suppression filter of 1.6x0.8x0.6mm. 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 6 line up of cutoff frequency between 50MHz to 500MHz.

Application
EMI suppression of clock lines, video lines.

Applications

Other Usage	For general

Packaging Information

Packaging	Specifications	Standard Packing Quantity
D	180mm Paper Tape	4000
B	Bulk(Bag)	1000

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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)	0603
Length	1.6mm
Length Tolerance	±0.1mm
Width	0.8mm
Width Tolerance	±0.1mm
Thickness	0.6mm
Thickness Tolerance	±0.1mm
Operating Temperature Range	-55℃ to 125℃
Mass(typ.)	0.004g
Number of Circuit	1
Rated Current	100mA
Rated Voltage	10Vdc
Withstanding Voltage	30Vdc
Insulation Resistance(min.)	1000MΩ
Insertion Loss	6dB max.(0 to 200MHz),30dB min.(800 to 2000MHz)
Nominal Cut-off Frequency	200MHz
Capacitance	22pF
Inductance	110nH
Size Code (in mm)	1608

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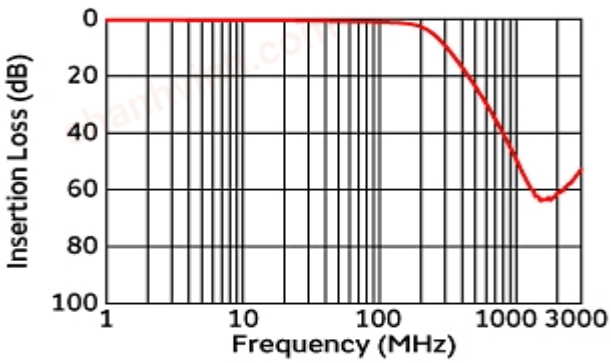
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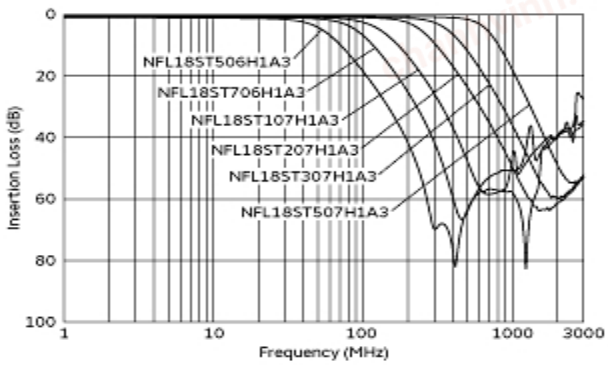
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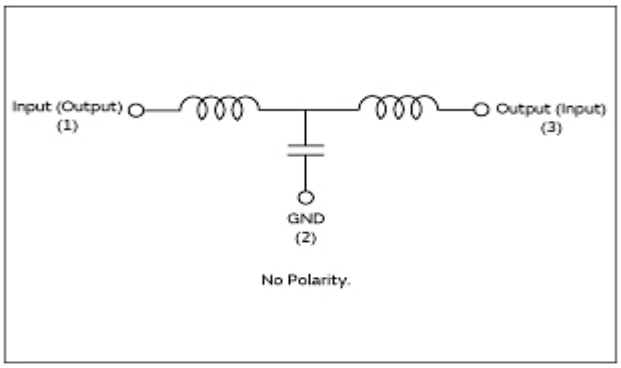
Product Data



Insertion Loss Characteristics



Insertion Loss Characteristics (Main Items)



Equivalent Circuit

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