

# DSS6NC52A101Q55#

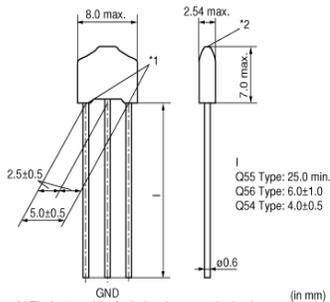
"#" indicates a package specification code.

In Production Recommended RoHS REACH

< List of part numbers with package codes >

DSS6NC52A101Q55B

## Appearance & Shape



\*1 The bottom of the ferrite beads may not be level with each other.  
\*2 There may be a hole on the top of ferrite beads, which causes no characteristics deterioration.

(in mm)

## Features

DS\_6 is a compact, high performance lead type EMI suppression filter which can be mounted 2.54mm pitch. Its three terminal structure enables precise high frequency performance.

## Applications

Other Usage	For general
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## Packaging Information

Packaging	Specifications	Minimum Order Quantity
B	Bulk(Bag)	250

### Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products 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	Lead
Length	8.0mm
Length Tolerance	max.
Width	2.54mm
Width Tolerance	max.
Thickness	7.0mm
Thickness Tolerance	max.
Rated Current	6.0A
Operating Temperature Range	-25°C to 85°C
Mass(Typ.)	0.42g
Number of Circuit	1
Rated Voltage	100Vdc
Withstanding Voltage	250Vdc
Capacitance	100.0pF
Tolerance	±20%
Structure/Shape	Small type beads inside(straight)

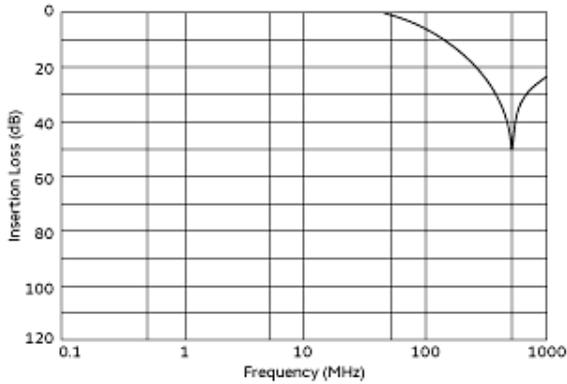
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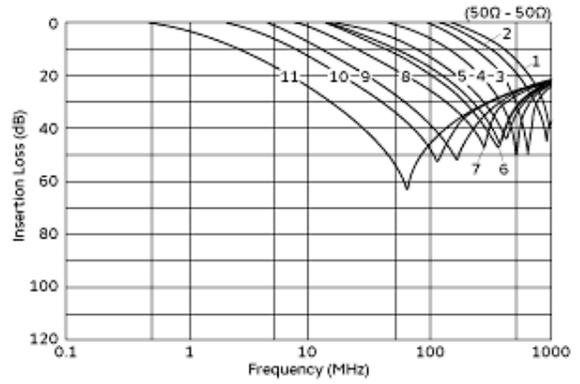
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## Product Data

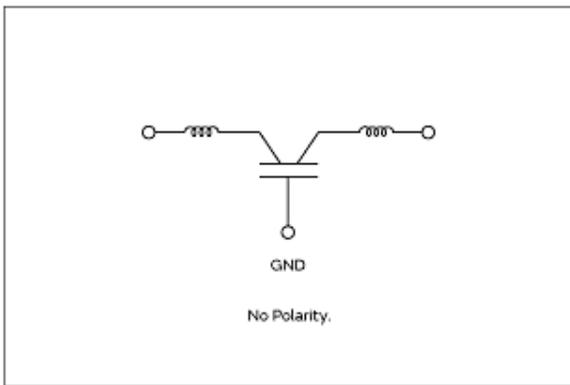


Insertion Loss Characteristics



- |          |          |             |
|----------|----------|-------------|
| 1: 22pF  | 5: 150pF | 9: 1000pF   |
| 2: 33pF  | 6: 220pF | 10: 2200pF  |
| 3: 47pF  | 7: 270pF | 11: 10000pF |
| 4: 100pF | 8: 470pF |             |

Insertion Loss Characteristics (Main Items)



Equivalent Circuit

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