

DSS6NC52A221Q55#

“#” at the end indicates the package specification code.

Discontinued

RoHS

REACH

< List of part numbers with package codes >

DSS6NC52A221Q55B

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Please refer to Our Website and 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 Applications	Consumer equipment

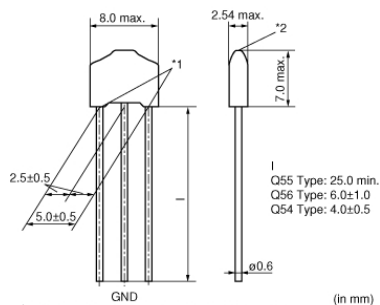
Packaging Information

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	250

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.

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)

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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	Lead
Length	8.0mm
Length Tolerance	max.
Width	2.54mm
Width Tolerance	max.
Thickness	7.0mm
Thickness Tolerance	max.
Rated Current	6A
Operating Temperature Range	-25°C to 85°C
Mass(typ.)	0.42g
Number of Circuit	1
Insulation Resistance(min.)	5000MΩ
Rated Voltage	100Vdc
Withstanding Voltage	250Vdc
Capacitance	220pF
Capacitance Tolerance	±20%
Structure/Shape	Small type beads inside (straight)

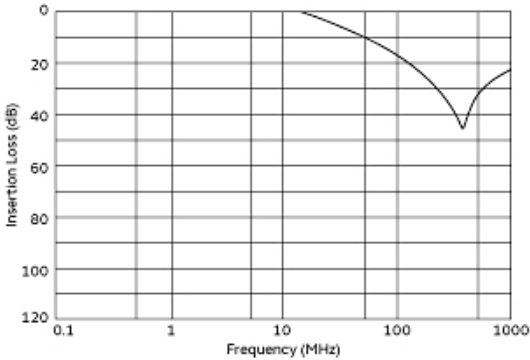
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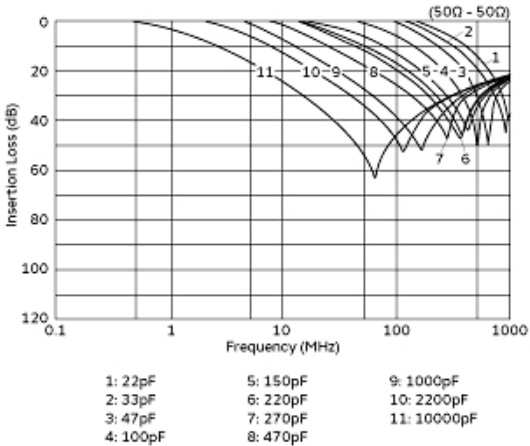
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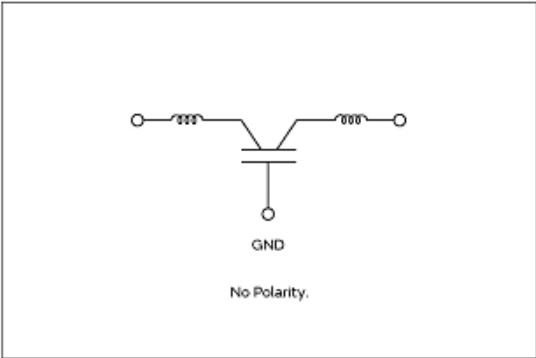
Product Data



Insertion Loss Characteristics



Insertion Loss Characteristics (Main Items)



Equivalent Circuit

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