

# DSS1NB31H473Q55#

“#” indicates a package specification code.

In Production

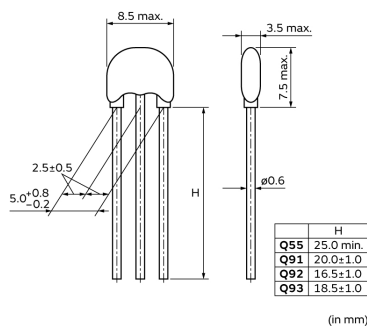
RoHS

REACH

< List of part numbers with package codes >

DSS1NB31H473Q55B

## Appearance & Shape



## Features

DSS1 series is a compact, high performance lead type 3 terminal capacitor which can be mounted in 2.54mm pitch. Its three terminal structure enables nice high frequency performance. Wide capacitance variation enables flexible selection for various noise frequencies. High speed mounting is available with automatic insertion machine.

## Applications

Other Usage

For general

## Packaging Information

| Packaging | Specifications | Standard Packing 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 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                      | 8.5mm                              |
| Length Tolerance            | max.                               |
| Width                       | 3.5mm                              |
| Width Tolerance             | max.                               |
| Thickness                   | 7.5mm                              |
| Thickness Tolerance         | max.                               |
| Rated Current               | 6A                                 |
| Operating Temperature Range | -40°C to 85°C                      |
| Mass(typ.)                  | 0.45g                              |
| Number of Circuit           | 1                                  |
| Insulation Resistance(min.) | 1000MΩ                             |
| Rated Voltage               | 50Vdc                              |
| Withstanding Voltage        | 125Vdc                             |
| Capacitance                 | 47000pF                            |
| Capacitance Tolerance       | ±10%                               |
| Structure/Shape             | Small type beads inside (straight) |

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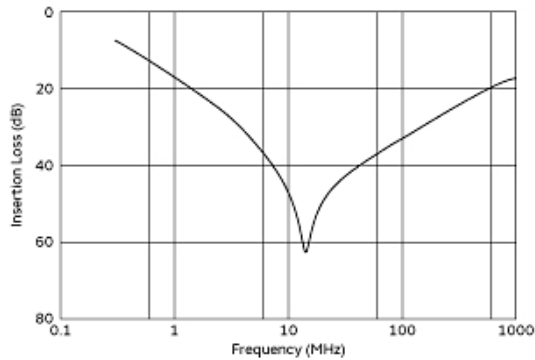
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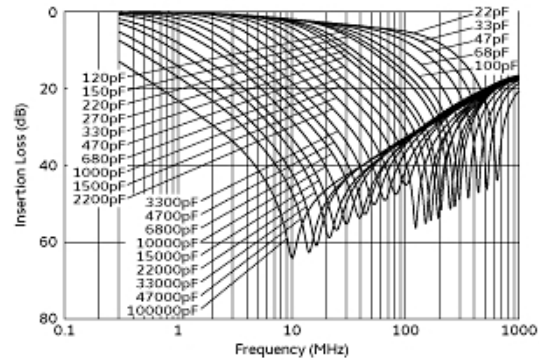
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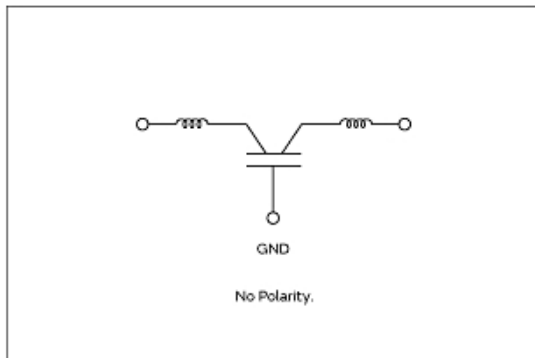
## Product Data



Insertion Loss Characteristics



Insertion Loss Characteristics (Main Items)



Equivalent Circuit

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