

# DSS1NB32A681Q55#

“#” indicates a package specification code.

In Production

RoHS

REACH

## < List of part numbers with package codes >

DSS1NB32A681Q55B

## Applications

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unsuitable Applications  | Please be sure to read and comply with these "Precautions for use."                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Specific Applications    | <p>Consumer equipment, Medical equipment [GHTF A/B/C] except for implant &amp; operation &amp; auto-dispenser equipment, Industrial equipment except for transportation &amp; facility &amp; energy equipment</p> <p>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.</p> |
| Recommended Applications | Consumer equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|----------------|---------------------------|
| B         | Bulk(Bag)      | 250                       |

## Features

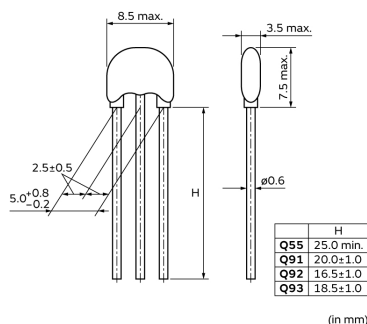
DSS1 series is a compact, high performance lead type 3 terminal capacitor which can be mounted in 2.54mm pitch.

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.

## Appearance & Shape



### 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                      | 8.5mm                              |
| 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               | 100Vdc                             |
| Withstanding Voltage        | 250Vdc                             |
| Capacitance                 | 680pF                              |
| Capacitance Tolerance       | ±10%                               |
| Structure/Shape             | Small type beads inside (straight) |

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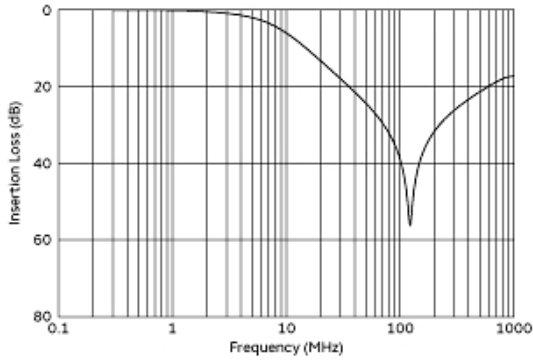
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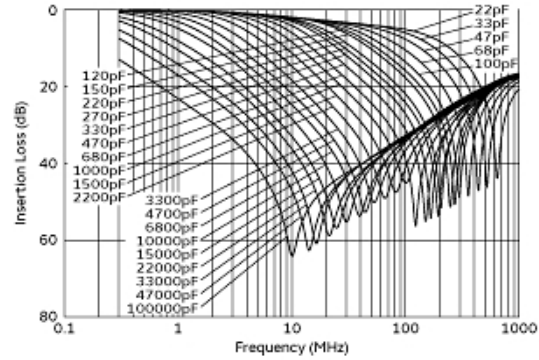
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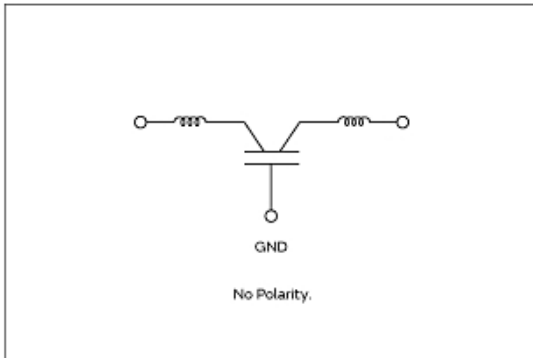
## Product Data



Insertion Loss Characteristics



Insertion Loss Characteristics (Main Items)



Equivalent Circuit

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