

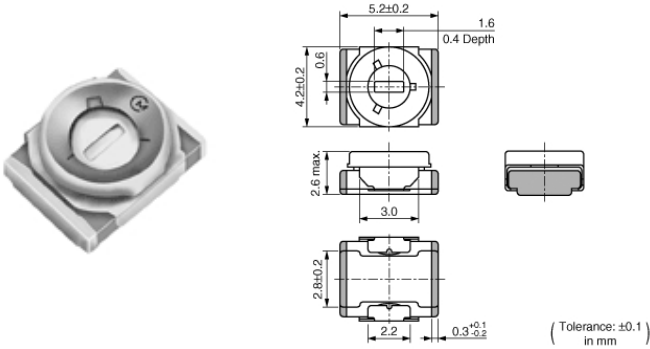
# TZW4Z1R5A001R00

Discontinued

RoHS

REACH

## Appearance & Shape



## Features

1. To meet high power application due to withstanding voltage 550Vdc.
2. Extremely high self-resonant frequency.  
(More than 3GHz at rated C max.)
3. Typical application: Impedance matching for Cellular Base Station.
4. High Q value in more than VHF, UHF and Microwave bands.  
(More than 200 in 500MHz, C max.)
5. Available for pick and place machine. Possible thinner design due to 2.6mm low profile.
6. Non-electrical contact construction  
(rotor as middle electrode) provides high reliability.
7. Compact size: 4.2(W)x5.2(L)x2.6max.(H)mm.

## Packaging Information

| Packaging | Specifications      | Standard Packing Quantity |
|-----------|---------------------|---------------------------|
| R00       | 180mm Embossed Tape | 500                       |

### 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.

# TZW4Z1R5A001R00



## Specifications

|                             |                          |
|-----------------------------|--------------------------|
| Shape                       | SMD                      |
| Operating Temperature Range | -55°C to 125°C           |
| Thickness                   | 2.6mm                    |
| Thickness Tolerance         | max.                     |
| Rated Voltage               | 250Vdc                   |
| Cmin.(max.)                 | 0.4pF                    |
| Cmax.                       | 1.5pF                    |
| Cmax. Tolerance             | +100/-0%                 |
| Adjustment Direction        | Top                      |
| TC                          | NP0±150ppm/°C            |
| Q                           | 200min. at 500MHz, Cmax. |
| Withstanding Voltage        | 550Vdc                   |
| Insulation Resistance(min.) | 10000MΩ                  |
| Torque                      | 1.5 to 10.0mNm           |
| Mass                        | 0.15g                    |

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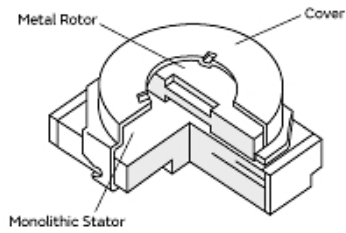
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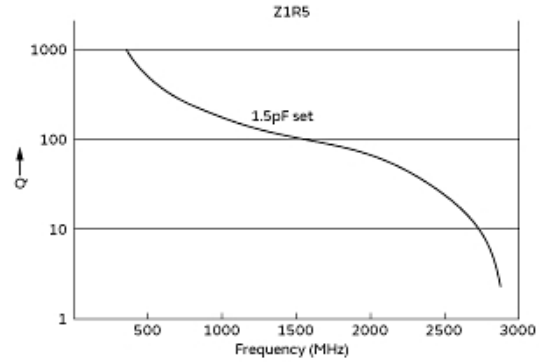
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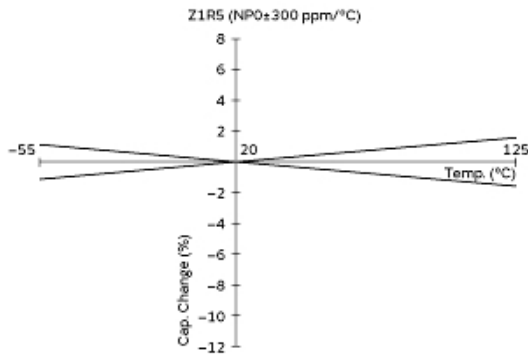
## Product Data



Constructions



Frequency Characteristics



Temp. Coeff. Characteristics

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