

#### **Product Search Data Sheet**

Note: This datasheet may be out of date. Please download the latest datasheet of TZW4Z1R5A001R00 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=TZW4Z1R5A001R00

## TZW4Z1R5A001R00



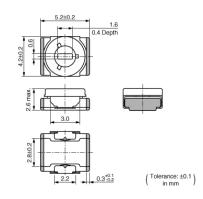






### Appearance & Shape







### **Features**

- 1. To meet high power application due to withstanding voltage
- 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

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Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering





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# **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	Тор
тс	NP0±150ppm/°C
Q	200min. at 500MHz, Cmax.
Withstanding Voltage	550Vdc
Insulation Resistance(min.)	10000ΜΩ
Torque	1.5 to 10.0mNm
Mass	0.15g

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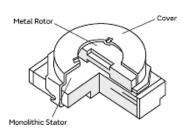
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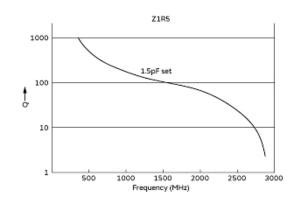
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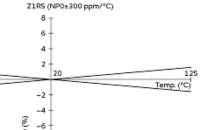


## **Product Data**





### Constructions



Frequency Characteristics

Temp. Coeff. Characteristics

-10

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