

Note: This datasheet may be out of date. Please download the latest datasheet of TZB4R500AA10R01 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=TZB4R500AA10R01

## TZB4R500AA10R01



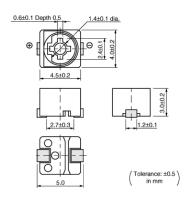






### Appearance & Shape







#### **Features**

- 1. Miniature rectangular shape: 4.0(W)x4.5(L)x3.0(H)mm.
- 2. Color coded case facilitates identification of capacitance range.
- 3. Designed for automatic placement in surface mount applications.
- 4. Designed to withstand flux baths and solder baths (with cover film type).
- 5. Can be temporarily attached to PCB with adhesives (Terminal style Aand B).
- 6. Can be reflow and flow (with cover film type) soldering method.
- 7. Stable characteristics over a wide frequency range. (Resonant frequency: 1000MHz min. / 6pF)



### Packaging Information

| Packaging | Specifications      | Standard<br>Packing<br>Quantity |
|-----------|---------------------|---------------------------------|
| R01       | 330mm Embossed Tape | 2500                            |

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## **Specifications**

| Shape                          | SMD                   |
|--------------------------------|-----------------------|
| Operating Temperature<br>Range | -25°C to 85°C         |
| Thickness                      | 3mm                   |
| Thickness Tolerance            | ±0.2                  |
| Rated Voltage                  | 50Vdc                 |
| Cmin.(max.)                    | 7pF                   |
| Cmax.                          | 50pF                  |
| Cmax. Tolerance                | +100/-0%              |
| Adjustment Direction           | Тор                   |
| тс                             | N750±300ppm/°C        |
| Q                              | 300min. at 1MHz, Cmax |
| Withstanding Voltage           | 110Vdc                |
| Insulation Resistance(min.)    | 10000ΜΩ               |
| Torque                         | 1.5 to 9.8mNm         |
| Stator/Case Color              | Black+Marking         |
| Mass                           | 0.15g                 |

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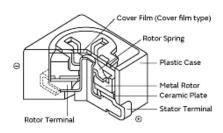
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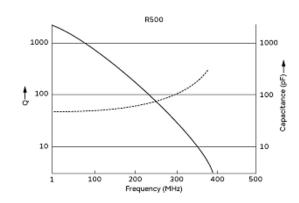
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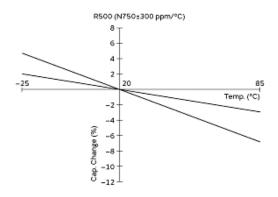


### **Product Data**





#### Constructions



Frequency Characteristics

Temp. Coeff. Characteristics

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