

Note: This datasheet may be out of date.

Please download the latest datasheet of TZC3R100A110B00 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=TZC3R100A110B00

## TZC3R100A110B00



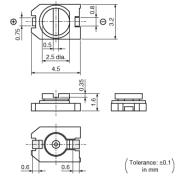






### Appearance & Shape







#### **Features**

- 1. Small size with external dimension of 3.2(W)x4.5(L)x1.6(H)mm.
- 2. Color coded stator permits easy identification of capacitance and reduces mounting errors.
- 3. Can be adjusted with conventional adjustment tools having a thickness of 0.5mm.
- 4. Designed for automatic placement in surface mount applications.
- 5. Heat resistant resin withstands reflow soldering temperatures.



### Packaging Information

| Packaging | Specifications | Standard<br>Packing<br>Quantity |
|-----------|----------------|---------------------------------|
| B00       | Bulk(Bag)      | 500                             |

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## **Specifications**

| Shape                          | SMD                    |  |
|--------------------------------|------------------------|--|
| Operating Temperature<br>Range | -25°C to 85°C          |  |
| Thickness                      | 1.6mm                  |  |
| Thickness Tolerance            | ±0.1                   |  |
| Rated Voltage                  | 100Vdc                 |  |
| Cmin.(max.)                    | 3pF                    |  |
| Cmax.                          | 10pF                   |  |
| Cmax. Tolerance                | +50/-0%                |  |
| Adjustment Direction           | Тор                    |  |
| тс                             | N750±300ppm/°C         |  |
| Q                              | 500min. at 1MHz, Cmax. |  |
| Withstanding Voltage           | 220Vdc                 |  |
| Insulation Resistance(min.)    | 10000ΜΩ                |  |
| Torque                         | 1.5 to 9.8mNm          |  |
| Stator/Case Color              | White                  |  |
| Mass                           | 0.05g                  |  |

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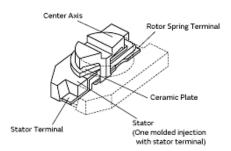


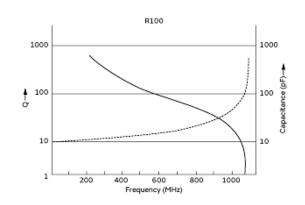
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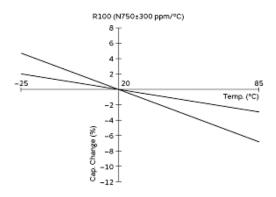
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#### Constructions



Frequency Characteristics

Temp. Coeff. Characteristics

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