

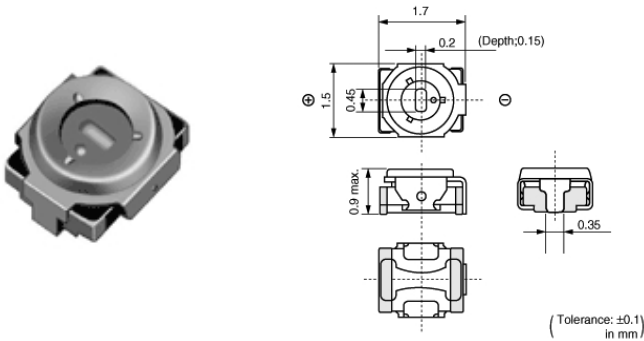
# TZR1Z040A001R00

Discontinued

RoHS

REACH

## Appearance & Shape



## Features

1. Ultra-small and thin with external dimensions of 1.5(W)x1.7(L)x0.85(H)mm (80% less in volume than the current product).
2. Unique construction with no plastic material provides superior soldering heat resistance to maintain excellent characteristic performance after reflow soldering.
3. Suitable for high frequency circuit due to high self-resonant frequency (6.2GHz of TZR1Z010 at 1.0pF setting).

## Packaging Information

| Packaging | Specifications      | Standard Packing Quantity |
|-----------|---------------------|---------------------------|
| R00       | 180mm Embossed Tape | 3000                      |

**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.

# TZR1Z040A001R00



## Specifications

|                             |                        |
|-----------------------------|------------------------|
| Shape                       | SMD                    |
| Operating Temperature Range | -25°C to 85°C          |
| Thickness                   | 0.85mm                 |
| Thickness Tolerance         | ±0.05                  |
| Rated Voltage               | 25Vdc                  |
| Cmin.(max.)                 | 1.5pF                  |
| Cmax.                       | 4pF                    |
| Cmax. Tolerance             | +100/-0%               |
| Adjustment Direction        | Top                    |
| TC                          | NP0±500ppm/°C          |
| Q                           | 300min. at 1MHz, Cmax. |
| Withstanding Voltage        | 55Vdc                  |
| Insulation Resistance(min.) | 10000MΩ                |
| Torque                      | 0.1 to 1.0mNm          |
| Mass                        | 0.009g                 |

### Attention

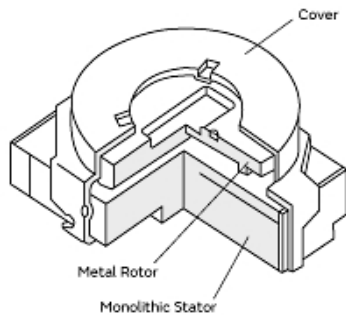
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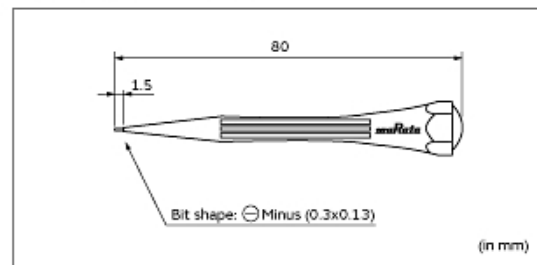
## Product Data



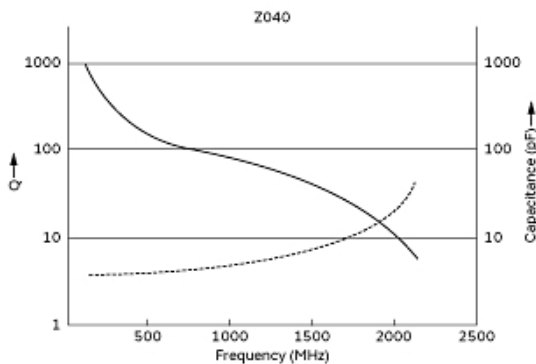
Constructions

Please use the following recommended screwdriver.  
You can order this driver with part number below.  
Though you can also adjust the capacitance value by commercial products, please use one which has the same head size as the driver below.

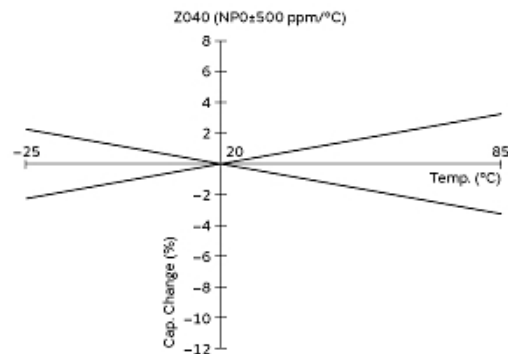
Screwdriver for Manual Adjustment  
Murata Part No.: **KMDR160**



Recommended Screwdriver



Frequency Characteristics



Temp. Coeff. Characteristics

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