

Note: This datasheet may be out of date. Please download the latest datasheet of PVG5A203C03R00 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=PVG5A203C03R00

## PVG5A203C03R00



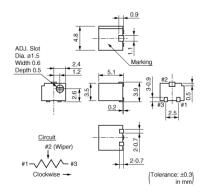






### Appearance & Shape







### **Features**

- 1. Sealed construction protects the interior from dust and liquid, which achieves stable performance.
- 2. Available with reflow soldering method
- 3. Available for ultrasonic cleaning after soldering
- 4. Clutch mechanism prevents excessive wiper rotation.
- 5. Both Top and side adjustment directions
- 6. Ultra smaller volume (1/5-1/2) than leaded multi-turn potentiometer.



### Packaging Information

| Packaging | Specifications      | Standard<br>Packing<br>Quantity |
|-----------|---------------------|---------------------------------|
| R00       | 180mm Embossed Tape | 250                             |

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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





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# PVG5A203C03R00



# **Specifications**

| Power Rating                               | 0.25W                                                                |  |
|--------------------------------------------|----------------------------------------------------------------------|--|
| Shape                                      | SMD                                                                  |  |
| Maximum Working Voltage                    | 300Vdc                                                               |  |
| Adjustment Direction                       | Тор                                                                  |  |
| Size                                       | 5mm                                                                  |  |
| Auto Adjustment                            | No                                                                   |  |
| Number of Turns (Effective Rotation Angle) | 11                                                                   |  |
| Mechanical Rotation Angle                  | -                                                                    |  |
| Total Resistance Value                     | 20kΩ                                                                 |  |
| Total Resistance Value<br>Tolerance        | ±10%                                                                 |  |
| Temperature Coefficient of Resistance      | ±150ppm/°C                                                           |  |
| Resistance Taper                           | B (Linear)                                                           |  |
| Contact Resistance Variation               | Less than 3% of total resistance value or 3ohm, whichever is greater |  |
| Residual Resistance                        | Less than 1% of total resistance value or 2ohm, whichever is greater |  |
| Torque                                     | 17.6mN · m max.                                                      |  |
| Measure Condition of RatedPower            | 70°C                                                                 |  |
| Operating Temperature<br>Range             | -55°C to 125°C                                                       |  |
| Mass                                       | 0.18g                                                                |  |

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Constructions

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### Attention

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