

Note: This datasheet may be out of date. Please download the latest datasheet of PV12P101A01B00 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PV12P101A01B00

# PV12P101A01B00



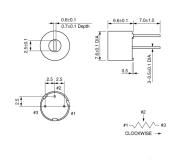






## Appearance & Shape







### **Features**

- 1. The unique inner gear system recognizes the position of the center of the shaft of the potentiometer.
- 2. Sealed construction protects the interior from dust and liquid, which achieves stable performance.
- 3. Available for ultrasonic cleaning after soldering.
- 4. Clutch mechanism prevents excessive wiper rotation.



## Packaging Information

| Packaging | Specifications | Standard<br>Packing<br>Quantity |
|-----------|----------------|---------------------------------|
| B00       | Bulk(Bag)      | 50                              |

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# **Specifications**

| Power Rating                               | 0.5W   |  |
|--|--|--|
| Shape                                      | Lead   |  |
| Maximum Working Voltage                    | 300Vdc   |  |
| Adjustment Direction                       | Тор  |  |
| Size                                       | 7mm  |  |
| Auto Adjustment                            | No   |  |
| Number of Turns (Effective Rotation Angle) | 4  |  |
| Mechanical Rotation Angle                  | -  |  |
| Total Resistance Value                     | 100Ω   |  |
| Total Resistance Value<br>Tolerance        | ±10%   |  |
| Temperature Coefficient of Resistance      | ±100ppm/°C   |  |
| Resistance Taper                           | B (Linear)   |  |
| Contact Resistance Variation               | Less than 3% of total resistance value or 3ohm, whichever is greater |  |
| Residual Resistance                        | 2ohm max.  |  |
| Torque                                     | 14.7mN ⋅ m max.  |  |
| Measure Condition of RatedPower            | 70°C   |  |
| Operating Temperature<br>Range             | -55°C to 125°C   |  |
| Mass                                       | 0.57g  |  |

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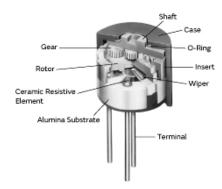
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Constructions

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