

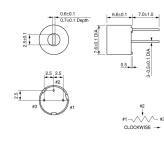
Product Search Data Sheet

# PV12P501A01B00

Discontinued RoHS REACH

Appearance & Shape





unit : mm Tolerance : ±0.3 Note: This datasheet may be out of date. Please download the latest datasheet of PV12P501A01B00 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PV12P501A01B00



- 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                              |

1 of 3

### 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.





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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<br>Rotation Angle) | 4  |  |
| Mechanical Rotation Angle                     | -  |  |
| Total Resistance Value                        | 500Ω   |  |
| Total Resistance Value<br>Tolerance           | ±10%   |  |
| Temperature Coefficient of<br>Resistance      | ±100ppm/°C   |  |
| Resistance Taper                              | B (Linear)   |  |
| Contact Resistance Variation                  | Less than 3% of total<br>resistance value or 3ohm,<br>whichever is greater |  |
| Residual Resistance                           | 2ohm max.  |  |
| Torque  | 14.7mN · m max.  |  |
| Measure Condition of<br>RatedPower            | 70°C   |  |
| Operating Temperature<br>Range                | -55°C to 125°C   |  |
| Mass  | 0.57g  |  |

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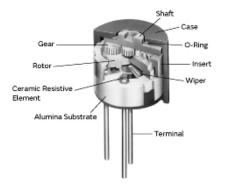


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## PV12P501A01B00





Constructions

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