

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of PV12T502A01B00 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=PV12T502A01B00

## PV12T502A01B00



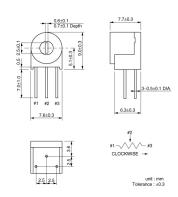






### Appearance & Shape







### **Features**

- 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

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 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$ 

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# PV12T502A01B00



## **Specifications**

| Power Rating                               | 0.5W                                                                 |
|--------------------------------------------|----------------------------------------------------------------------|
| Shape                                      | Lead                                                                 |
| Maximum Working Voltage                    | 300Vdc                                                               |
| Adjustment Direction                       | Side                                                                 |
| Size                                       | 7mm                                                                  |
| Auto Adjustment                            | No                                                                   |
| Number of Turns (Effective Rotation Angle) | 4                                                                    |
| Mechanical Rotation Angle                  | -                                                                    |
| Total Resistance Value                     | 5kΩ                                                                  |
| Total Resistance Value 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<br>RatedPower         | 70℃                                                                  |
| Operating Temperature<br>Range             | -55°C to 125°C                                                       |
| Mass                                       | 0.8g                                                                 |

2 of 3

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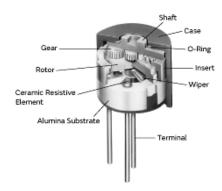
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Constructions

3 of 3

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