

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of PV12P503A01B00 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=PV12P503A01B00

PV12P503A01B00



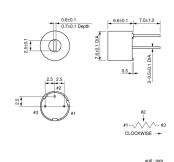






Appearance & Shape







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 Packing Quantity |
|-----------|----------------|---------------------------------|
| B00 | Bulk(Bag) | 50 |

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

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 Rotation Angle) | 4 |
| Mechanical Rotation Angle | - |
| Total Resistance Value | 50kΩ |
| 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 RatedPower | 70°C |
| Operating Temperature Range | -55°C to 125°C |
| Mass | 0.57g |

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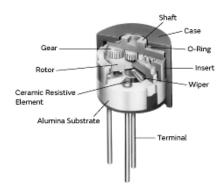
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Product Data



Constructions

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