

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of PVG5A500C03B00 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=PVG5A500C03B00

PVG5A500C03B00



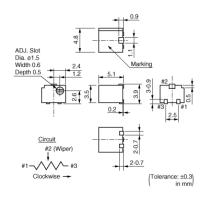






Appearance & Shape







Features

- 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 Packing Quantity |
|-----------|----------------|---------------------------------|
| B00 | Bulk(Bag) | 100 |

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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 | 0.25W | |
|--|--|--|
| 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 | 50Ω | |
| Total Resistance Value 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 Range | -55°C to 125°C | |
| Mass | 0.18g | |

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Constructions

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