

Note: This datasheet may be out of date.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



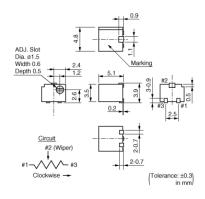






#### Appearance & Shape







#### **Features**

- 1. 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 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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## PVG5A500C03B00



## **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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