

Product Search Data Sheet

# PVG5A500C03R00

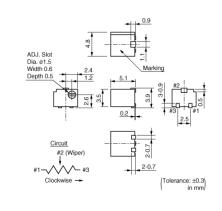
Note: This datasheet may be out of date. Please download the latest datasheet of PVG5A500C03R00 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=PVG5A500C03R00



Appearance & Shape







- 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
R00	180mm Embossed Tape	250

### 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	0.25W	
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℃ to 125℃	
Mass	0.18g	

2 of 3

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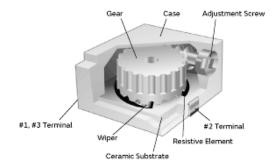


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## PVG5A500C03R00





Constructions

3 of 3

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