

**Multi turn Wire Wound Potentiometers, (ø46mm)**

**Model: 5003, 3-Turn**

**Model: 5005, 5-Turn**

**Model: 5010, 10-Turn**

**Product:**



**Features:**

- ▶ **High Wattage.**
- ▶ **Different Shaft Diameters and Lengths Available.**
- ▶ **Re-inforced Thermoplastic housing.**
- ▶ **Slipping Clutch Available.**
- ▶ **Center Tap (4 Pins).**

**Technical Details:**

Parameters:	Model: 5003-P	Model: 5005-P	Model: 5010-P
Power Rating	1.5 Watt @ 40°C	2.5 Watt @ 40°C	5 Watt @ 40°C
Resistance Range	See Chart Below		
Standard Tolerance	Std. ±5%, other on request		
Linearity	Std. ±0.5%, ±0.25% on request		
Rotational Angle	1080° +10° / -0°	1800° +10° / -0°	3600° +10° / -0°
Insulation Resistance	1000MΩ @ 500VDC		
Max. Working Voltage	500VDC	750VDC	1000VDC
Voltage Proof	3000VAC for 1 min. @ sea level		
End Resistance	2Ω or % Lin whichever is greater		

**Resistance Value:**

Model No.:	Resistance Value
<b>5003-P</b>	1.5K, 3K, 6K and others on request
<b>5005-P</b>	500, 1K, 2.5K, 5K and others on request
<b>5010-P</b>	1K, 2K, 5K, 10K and others on request

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**Model: 5005-P, 5-Turn**

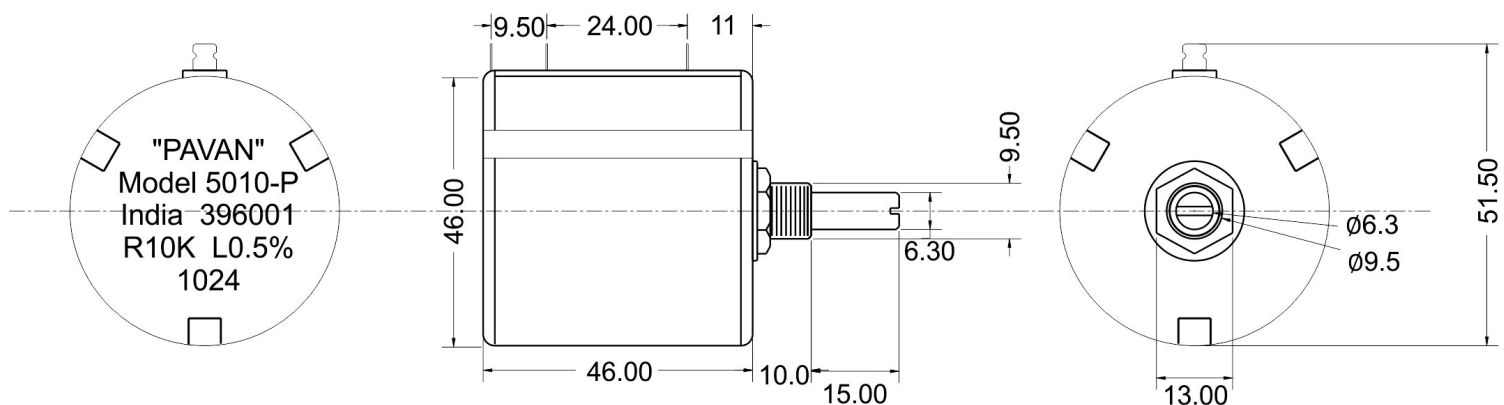
**Model: 5010-P, 10-Turn**

**Resolution Chart:**

Resistance Value	Model: 5010-P	
	Resolution (%)	Ohms per
<b>1K</b>	0.019	0.19
<b>2K</b>	0.015	0.30
<b>5K</b>	0.010	0.51
<b>10K</b>	0.015	1.45

**Dimensional Drawings:**

**Model: 5003-P / 5005-P / 5010-P**



All dimensions are in mm

**We(The manufacturer) reserve the right to change the  
Electrical & Mechanical Specifications to upgrade the product.**