

FEATURES

- Rated Power: 2W
- Resistance Range 1KΩ~10KΩ Resistance Tolerance $\pm 1\%$ (precision) $\pm 15\%$ (Standard)



Electrical Characteristics

Standard Resistance Range	1KΩ~10KΩ
Resistance Tolerance	$\pm 1\%$ (precision) $\pm 15\%$ (Standard)
Independent Linearity	$\pm 0.1\%$ (precision) $\pm 1\%$ (Standard)
Electrical Travel	345° $\pm 2\%$ (Customized angle is available)
Power Rating	2W(70°C)
Temperature Coefficient	$\pm 400\text{p.p.m. } /^{\circ}\text{C}$
Insulation Resistance	$\geq 1000\text{M}\Omega$ (500V.D.C)
Dielectric Strength	1000V(AC.RMS)1min
Output Smoothness	$\leq \pm 0.1\%$

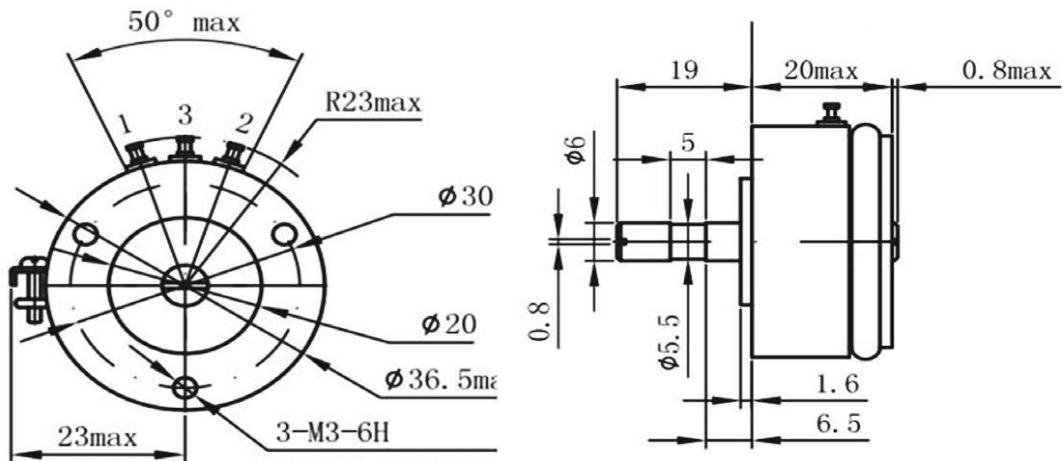
Mechanical Characteristics

Total Rotational Angle	360° (endless)
Start Torque	$\leq 10 \times 10^{-4} \text{ N}\cdot\text{M}$

Environmental Characteristics

Temperature range	-55 °C ~ +125 °C
Vibration dynamic	15G 2000 hz
Mechanical life	50,000,000 RPM
Shock	50G 11ms

DIMENSION: mm



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PN STRUCTURE

WTP-E-102-R

WTP	E	102	R
Series		Resistance	RoHS
1	2	3	

2. **Resistance** (Special Resistances Available)

Resistance (Ohms)	Resistance Code
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
50,000	503
100,000	104

