

# Kingtronics®

# RKT-3361

## Single-turn SMD Trimming Potentiometer

### FEATURES

- Single-Turn / Cermet / Industrial
- Rotor designed for automatic machine adjust interface.
- Compatible with surface mount manufacturing processes
- RoHS compliant

### PICTURE

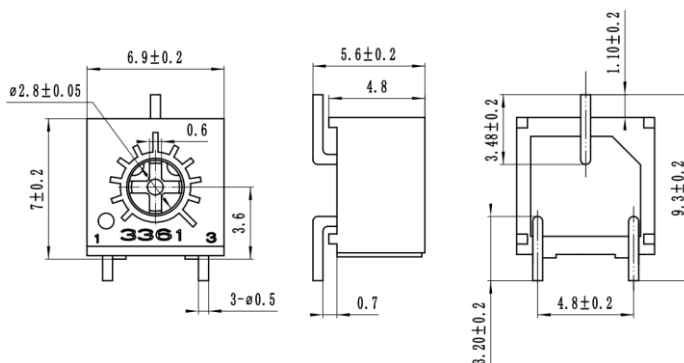


### Electrical Characteristics

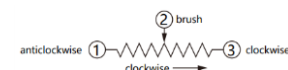
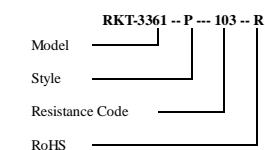
Standard Resistance Range	10Ω-5MΩ
Resistance Tolerance	±10% ; ±20%
End Resistance	≤±1% R or 3Ω
Contact Resistance Variation	≤3%R or 3Ω
Insulation Resistance	500 Vdc, 100 megohms min.
withstanding voltage	101.3KPa · 500 Vac ; 8.5KPa · 250 Vac
Dielectric Strength Sea Level	500 Vac( 1 minute )
Adjustment Angle	220°

### Common Dimensions

#### RKT-3361P



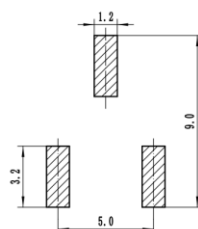
### How to Order



### Environmental Characteristics

Max. Soldering Exposure	250°C · 10 seconds
Power Rating(300 volts max.)	70°C · 0.25W ; 125°C · 0W
Operating Temp. Range	-55°C ~ + 125°C
Temperature Coefficient temperature variation	±250 · ±100 ppm /°C ΔR≤±3%R, Δ(Uab/Uac) ≤±1%
Vibration	20G, ΔR≤±1%R, Δ(Uab/Uac) ≤±1%
Shock	100G, ΔR≤±1%R · Δ(Uab/Uac) ≤±2%
70°C electrical endurance	1000 hours @ 70°C Rated Power; ΔR≤±3%R
Rotational Life	200 ( cycles ) · ΔR≤±3%R

Suggest PCB layout



Tolerance : ±0.3MM EXCEPT WHERE NOTED.

### Resistance Table

Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
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
200,000	204
500,000	504
1,000,000	105
2,000,000	205

Special resistances available.

### Physical Characteristics

Mechanical Angle	250°
Starting torque	≤25 mN.m
Stop Strength	≤35 mN.m
Standard Packaging	750pcs/reel

Note: Specifications are subject to change without notice.

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