

# Kingtronics®

## RKT-3386

### Trimming Potentiometers

#### FEATURES

Single Turn/ Cermet/ Industrial/ Sealed  
Many Terminal Styles

#### PICTURE



#### Electrical Characteristics

|                              |                                         |
|------------------------------|-----------------------------------------|
| Standard Resistance Range    | 10Ω - 5MΩ                               |
| Resistance Tolerance         | ±10% ;<br>±20% for 10, 20 and 2M ohm    |
| Absolute Minimum Resistance  | ≤±1%R or 10Ω                            |
| Contact Resistance Variation | CRV≤±3%R or 5Ω<br>(whichever is larger) |
| Insulation Resistance        | R <sub>I</sub> ≥1GΩ(500Vdc)             |
| Withstand Voltage            | 640VAC                                  |
| Effective Travel             | 260°                                    |

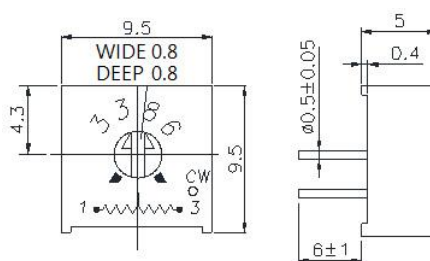
#### Environmental Characteristics

|                                |                                                                                |
|--------------------------------|--------------------------------------------------------------------------------|
| Power Rating<br>(300volts max) | 0.5W@70°C, 0W@125°C                                                            |
| Temperature Range              | -55°C ~ +125°C                                                                 |
| Temperature Coefficient        | ±200x10 <sup>-6</sup> /°C<br>(±100ppm/°C on request)                           |
| Temperature Variation          | -55°C, 30min, +125°C/30min,<br>5 cycles<br>ΔR≤±2%R, Δ(Uab/Uac)≤±2%R            |
| Collision                      | 390m/s <sup>2</sup> , 4000cycles, ΔR≤±1%R                                      |
| Electrical Endurance at 70°C   | 0.5W@70°C, 1000h<br>ΔR≤±(5%R+0.1Ω),<br>CRV≤±3%R or 5Ω<br>(whichever is larger) |
| Rotational Life                | 200 cycles<br>ΔR≤±(10%R+0.5Ω),<br>CRV≤±3%R or 5Ω<br>(whichever is larger)      |

#### Physical Characteristics

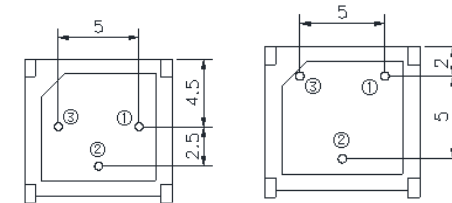
|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Starting Torque    | ≤35mN·m                                                                                   |
| Marking            | Resistance Tolerance<br>(When no identification, it is of ±10%)<br>Resistance Code, Model |
| Standard Packaging | 50pcs, per tube                                                                           |

#### Common Dimensions

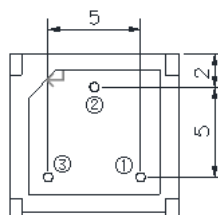


RKT-3386P

RKT-3386F

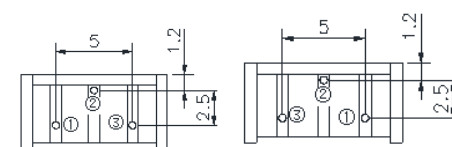


RKT-3386Y



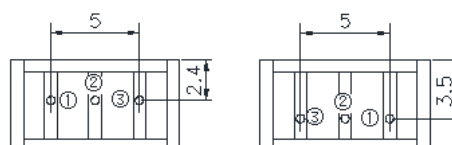
RKT-3386H

RKT-3386X



RKT-3386W

RKT-3386C



#### How to Order

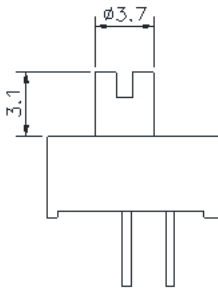
|                 |          |   |     |   |
|-----------------|----------|---|-----|---|
| Model           | RKT-3386 | P | 103 | R |
| Style           |          |   |     |   |
| Resistance Code |          |   |     |   |
| RoHS            |          |   |     |   |

#### Resistance Table

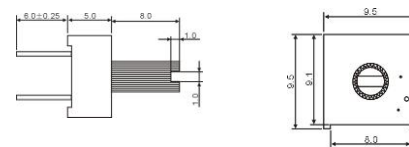
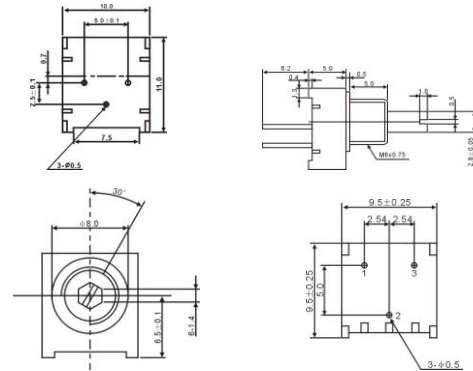
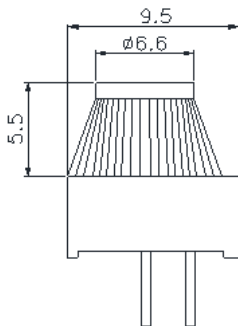
| Resistance (Ohms) | Resistance Code |
|-------------------|-----------------|
| 10                | 100             |
| 20                | 200             |
| 50                | 500             |
| 100               | 101             |
| 150               | 151             |
| 200               | 201             |
| 250               | 251             |
| 300               | 301             |
| 470               | 471             |
| 500               | 501             |
| 680               | 681             |
| 1,000             | 102             |
| 1,500             | 152             |
| 2,000             | 202             |
| 2,200             | 222             |
| 2,500             | 252             |
| 3,000             | 302             |
| 4,700             | 472             |
| 5,000             | 502             |
| 6,800             | 682             |
| 10,000            | 103             |
| 15,000            | 153             |
| 20,000            | 203             |
| 22,000            | 223             |
| 25,000            | 253             |
| 30,000            | 303             |
| 33,000            | 333             |
| 47,000            | 473             |
| 50,000            | 503             |
| 68,000            | 683             |
| 100,000           | 104             |
| 150,000           | 154             |
| 200,000           | 204             |
| 220,000           | 224             |
| 250,000           | 254             |
| 300,000           | 304             |
| 330,000           | 334             |
| 470,000           | 474             |
| 500,000           | 504             |
| 680,000           | 684             |
| 1,000,000         | 105             |
| 2,000,000         | 205             |
| 2,200,000         | 225             |
| 5,000,000         | 505             |

Special resistances available.

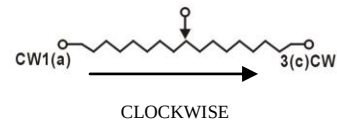
**Kingtronics® International Company**



The Model 3386 is available with a knob for finger adjustment. Add suffix letter “T” to order code.



WIPER 2(d)



Tolerance is  $\pm 0.25$  if no identification

Note: Specifications are subject to change without notice.

**Kingtronics® International Company**

**Website: [www.kingtronics.com](http://www.kingtronics.com)**

**Email: [info@kingtronics.com](mailto:info@kingtronics.com)**

**Tel: (852) 8106 7033**

**Fax: (852) 8106 7099**