

- Multiturn/ Cermet/ Industrial /sealed
- Wide range of resistance
- RoHS Compliant



## 3006 Rectangular Trimming Potentiometer

### Electrical Characteristics

Standard Resistance Range.....50 Ω ~2M Ω  
Resistance Tolerance ..... ± 10%

Absolute Minimum Resistance...≤ 1%R or 10 Ω  
Contact Resistance Variation ...CRV ≤ 3% or 5 Ω  
Insulation Resistance.....R1 ≥ 1G Ω (100Vac)  
Withstand Voltage.....640Vac  
Effective Travel.....22 turns nom

### Environmental Characteristics

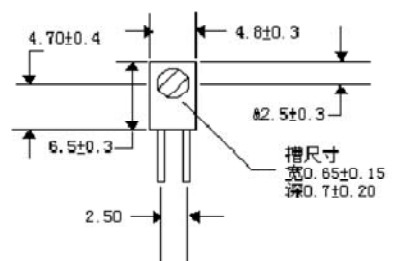
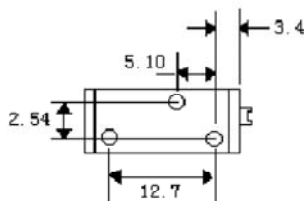
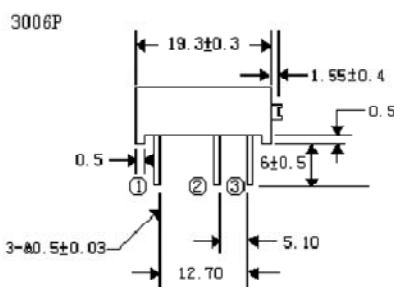
(Power Rating) (315 volts max) .....  
.....0.75W@70°C, 0W@125°C  
Temperature Range.....- 55°C~125°C  
Temperature Coefficient.....± 250ppm/°C  
Temperature Variation ... - 55°C, 30min, +125°C  
.....30min、5cycles  
.....ΔR ≤ 5%R, Δ(Uab/Uac) ≤ 5%  
Vibration .....10~500Hz, 0.75mm, 6h,  
.....ΔR ≤ 2%R, Δ(Uab/Uac) ≤ 3%  
Collision.....390m/s<sup>2</sup>, 4000cycles, ΔR ≤ 2%R  
Electrical Endurance at 70°C ..... 0.75W@70°C  
.....1000h, ΔR ≤ 5%R, CRV ≤ 3% or 5 Ω  
Rotational Life.....200cycles  
.....ΔR ≤ 10%R, CRV ≤ 3% or 5 Ω

### Physical Characteristics

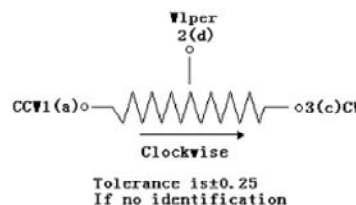
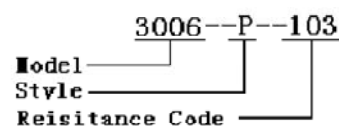
Starting Torque ..... ≤ 35mNm  
Marking.....Resistance Tolerance  
.....when no identification, it is of ± 10%  
.....Resistance Code、 Model  
Standard Packaging... 25pcs, per tube

### RoHS Compliant

### Common Dimensions



### How To Order



### Standard 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             |
| 25,000            | 253             |
| 50,000            | 503             |
| 100,000           | 104             |
| 200,000           | 204             |
| 250,000           | 254             |
| 500,000           | 504             |
| 1,000,000         | 105             |
| 2,000,000         | 205             |