

- 科研军品 Common military product
- 体积小、独立线性度高、寿命长  
Small in size, improved linearity, long life
- 作角度传感器使用 Used as angle transducer

### WD15 型精密导电塑料电位器 WD15 Precision conductive plastic potentiometer

#### ■ 适用标准 Applicable specifications

- GJB1865-94 非线绕精密电位器总规范
- Q/RU20008A-2010 WD15 型精密导电塑料电位器详细规范

#### ■ 电特性 Electrical characteristics

- 标称阻值范围 Range of nominal resistance  
1K $\Omega$ ~10 K $\Omega$   
(可提供特殊阻值)  
(Special resistance available upon request)
- 阻值允许偏差 Resistance tolerance  
 $\pm 10\%$ (精密级, Precision),  $\pm 15\%$
- 绝缘电阻 Insulation resistance:  
 $R_i \geq 1G\Omega$  (500V<sub>DC</sub>)
- 独立线性度 Independent linearity  
 $\leq \pm 0.5\%$
- 输出平滑性 Output smoothness  
 $\leq \pm 0.1\%$
- 介质耐电压 Dielectric withstand voltage  
500V<sub>AC</sub>, 1min
- 有效电行程 Effective electrical travel  
60°~320°(可根据用户要求提供)  
(Available upon request)
- 旋转寿命 Rotation life  
2,500,000 turns

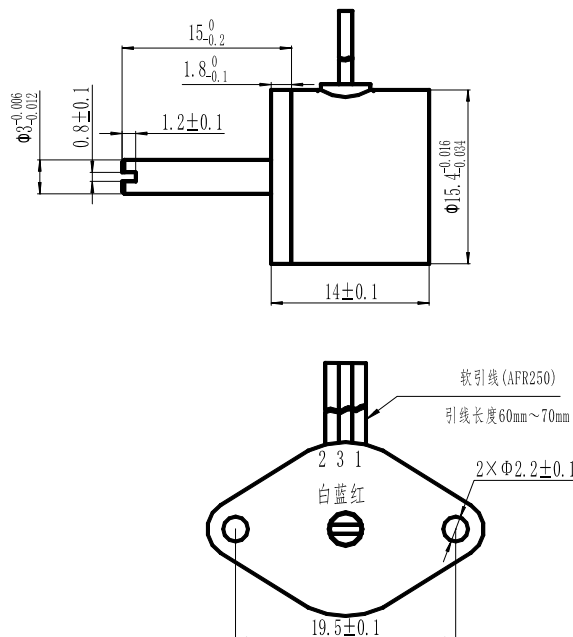
#### ■ 环境特性 Environmental characteristics

- 额定功率 Rated power  
0.5W@70°C 0W@125°C
- 温度范围 Temperature range : -55°C~+125°C

#### ■ 物理特性 Physical characteristics

- 总机械行程 Total mechanical travel: 360°
- 启动力矩 Operating torque:  $\leq 3mN \cdot m$
- 重量 Weight  $\leq 15g$
- 标志: 型号、标称阻值、阻值偏差、独立线性度、引脚  
Marking: Type, Nominal resistance, Resistance tolerance,  
Independent linearity, Terminals
- 标准包装 Standard package: 1 只/每盒 1pcs/box

#### ■ 外形尺寸图 Dimensions



#### ■ 标称阻值表 Nominal resistance table

阻值( $\Omega$ ) Resistance
1K
2K
5K
10K

#### ■ 订货指南 Ordering information

**WD15— 4.7K— K—  $\pm 0.5\%$**   
 型号 Type— 标称阻值 Nominal resistance—  
 允许偏差 Tolerance— 独立线性度 Linearity