

- 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 Ω ~10 K Ω
(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_{DC})
- 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_{AC}, 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

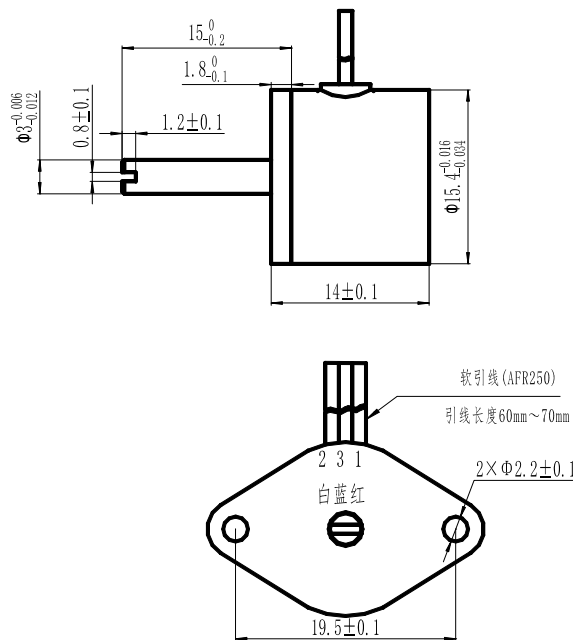
■ **环境特性 Environmental characteristics**

- 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(Ω) 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