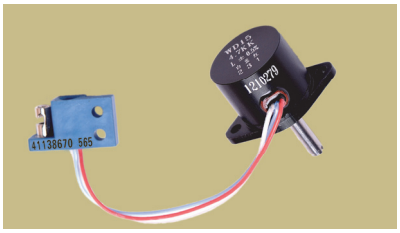


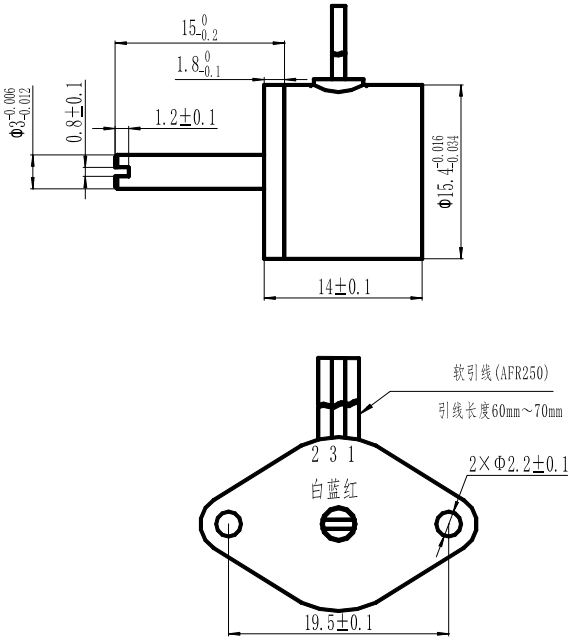
■科研军品 Common military product
■体积小、独立线性度高、寿命长
Small in size, improved linearity, long life
■作角度传感器使用 Used as angle transducer

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

■ 外形尺寸图 Dimensions



■ 电特性 Electrical characteristics

■标称阻值范围 Range of nominal resistance
1KΩ～10 KΩ
(可提供特殊阻值)
(Special resistance available upon request)

■阻值允许偏差 Resistance tolerance
±10%(精密级, Precision), ±15%

■绝缘电阻 Insulation resistance:
$R_I \geq 1G\Omega$ ($500V_{DC}$)

■独立线性度 Independent linearity
≤±0.5%

■输出平滑性 Output smoothness
≤±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: ≤3mN•m

■重量 Weight≤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

■ 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— ±0.5%

型号 Type— 标称阻值 Nominal resistance—
允许偏差 Tolerance— 独立线性度 Linearity

对于本页内容的任何变更，恕不另行通知。订货前，请确认技术参数。Specifications are subject to change without notice.