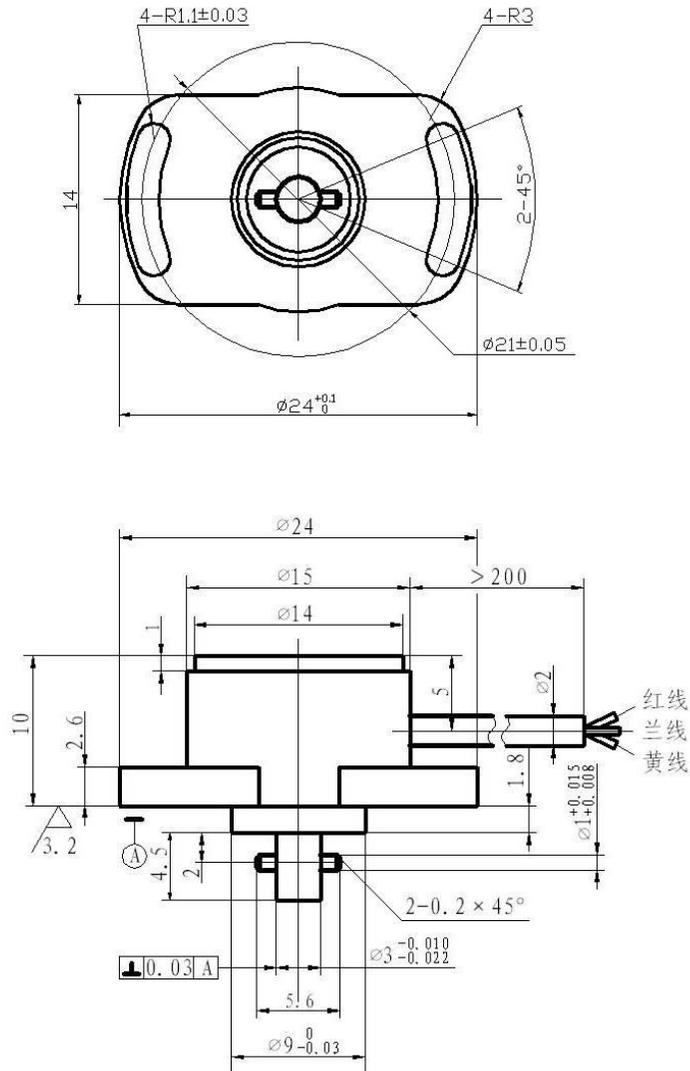


## WD1502L-2



## Precision Conductive Plastic Potentiometer

Resistance:  $2.2\text{k}\Omega \pm 10\%$

Effective Electrical Travel:  $90^\circ \pm 2^\circ$

Independent Linearity:  $\leq \pm 0.5\%$

Output Smoothness:  $\leq 0.1\%$

Clearance:  $\leq 0.1^\circ$

Temperature Coefficient:  $\leq \pm 500 \times 10^{-6}/^\circ\text{C}$

Insulation resistance: 500Vdc.,  $\geq 1\text{G}\Omega$

Withstand voltage: 500 Vac., 1min

Temperature Range:  $-55^\circ\text{C} \sim +125^\circ\text{C}$

Rotation Life:  $\geq 1$ million cycles

Starting Torque:  $\leq 2\text{mN}\cdot\text{m}$

Shaft Radial Run out:  $\leq 0.02\text{mm}$

Shaft End Clearance:  $\leq 0.05\text{mm}$