

- 多指刷专利号 ZL96 2 33419.7
- 可提供工业级、军品级产品 both industrial and military level products available
- 适用于电子仪器仪表线路中作微调电阻和分压器使用 used as trimmer and voltage divider in electronic instrument and meters

**WIW24(3059)型玻璃釉预调电位器
WIW24(3059) Cermet trimmer**

■ 适用标准 Applicable Specifications

- GB/T 15298-94 电子设备用电位器 第一部分: 总规范
- Q/RU126-1999 WIW24 型玻璃釉预调电位器详细规范

■ 电特性 Electrical Characteristics

- 标称阻值范围 Range of nominal resistance (Ω): 100~1M
- 阻值允许偏差 Resistance tolerance: $\pm 10\%$, $\pm 20\%$
- 终端电阻 Terminal resistance: $\leq 1\%R$ or 10Ω
(取较大者, whichever greater)
- 接触电阻变化 Contact resistance variation:
CRV $\leq 5\%R$ or 5Ω (取较大者, whichever greater)
- 绝缘电阻 Insulation Resistance: $R_i \geq 1G\Omega(100V_{DC})$
- 耐电压 Dielectric withstand voltage: $640 V_{AC}$ (峰值 peak value)
- 极限动触点电流 limiting moving contact current: 100mA
- 有效电行程 Effective Electrical travel: ≥ 25 turns

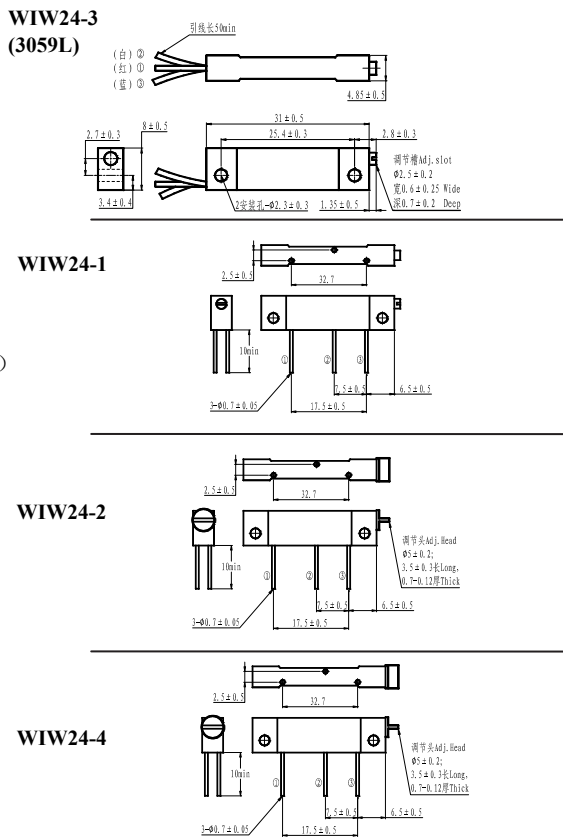
■ 环境特性 Environmental Characteristics

- 额定功率 Rated Power
 $1W@70^{\circ}C$, $0W@100^{\circ}C$
- 温度范围 Temperature range ($^{\circ}C$): $-55 \sim +100$
- 电阻温度系数 $TCR: \leq \pm 500 \times 10^{-6}/^{\circ}C$
- 碰撞 Bump: $390m/s^2$, 4000 times;
 $\Delta R \leq \pm(2\%R + 0.1\Omega)$
- 温度变化 Change of temperature
 $-55^{\circ}C$, 30min, $+100^{\circ}C$, 30min, 5times;
 $\Delta R \leq \pm(5\%R + 0.1\Omega)$, $\Delta(U_{ab}/U_{ac}) \leq \pm 5\%$
- 冲击 shock: $490m/s^2$, 11ms; $\Delta R \leq \pm(5\%R + 0.1\Omega)$
- 振动 Vibration
(10~500)Hz, 0.75mm, 6h
 $\Delta R \leq \pm(5\%R + 0.1\Omega)$, $\Delta(U_{ab}/U_{ac}) \leq \pm 7.5\%$
- 气候顺序 Climate sequence(meet IEC68-2-2 etc.)
 $\Delta R \leq \pm(10\%R + 0.5\Omega)$, $R_i \geq 100M\Omega$
- 电气耐久性 Electrical endurance
1W, 1000h;
 $\Delta R \leq \pm(10\%R + 0.5\Omega)$,
CRV $\leq 5\%R$ or 5Ω (取较大者, whichever greater)
- 机械耐久性 Mechanical endurance
200 turns, $\Delta R \leq \pm(10\%R + 0.5\Omega)$
CRV $\leq 5\%R$ or 5Ω (取较大者, whichever greater)
- 稳态湿热 damp heat, steady heat
按 IEC68-2-3(as specified in IEC68-2-3), Ca, 96h
 $\Delta R \leq \pm(5\%R + 0.1\Omega)$, $R_i \geq 100M\Omega$

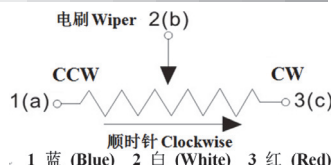
■ 物理特性 Physical Characteristics

- 总机械行程 Total mechanical travel: (40 ± 5) turns
- 启动力矩 Operating torque: $\leq 35mN \cdot m$
- 标志: 型号、阻值允许偏差 ($\pm 10\%$ 不标注)、阻值代码、日期
Marking: Type, Resistance Tolerance (Tolerance is $\pm 10\%$, unless otherwise specified), Resistance code, production date
- 标准包装 Standard package: 100pcs/box

■ 外形尺寸图 Dimensions



■ 电路图 Circuit Diagram



**■ 标称阻值表
Nominal Resistance Table**

阻值(Ω) Resistance (in ohms)	
100	20K
200	50K
500	100K
1K	200K
2K	500K
5K	1M
10K	

■ 订货指南 Ordering Information

WIW24-1-10K Ω -K
型号 Type -引出端形式 Style -
标称阻值 Nominal Resistance - 允许偏差 Tolerance