

- 体积小，调节方便 Compact size, easy to adjust
- 可执行 QZJ 840633“七专”技术标准 QZJ 840633 qualified

WXW1-1A、WXW-2、3、4 型线绕预调电位器
WXW1-1A、WXW-2、3、4 Wirewound preset potentiometer

■ **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/RU106-1995 WXW1-1A、WXW-2、3、4 型线绕预调电位器详细规范

■ **电特性 Electrical characteristics**

- 标称阻值范围 Range of nominal resistance: 10Ω ~ 22KΩ
- 阻值允许偏差 Tolerance: ±5%, ±10%
- 终端电阻 Terminal resistance: ±2%R or 1Ω
取较大者, Whichever greater
- 耐电压 Dielectric withstand voltage: 900V_{AC}
- 有效电行程 Effective Electrical travel: >35 turns

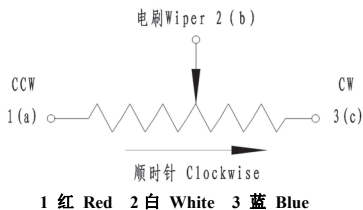
■ **环境特性 Environmental characteristics**

- 额定功率 Power rating: 1W@70°C, 0W@125°C
- 温度系数 TCR ≤ ±250 × 10⁻⁶/°C
- 轴的推力 Pushing force of the shaft : 10N
Δ(U_{ab}/U_{ac}) ≤ ±(2%+最低分辨率(theoretical resolution))
- 温度变化 Change of Temperature:
-55°C, 30min; +125°C, 30 mins, 3 times;
ΔR ≤ ±(3%R+0.1Ω),
Δ(U_{ab}/U_{ac}) ≤ ±(2%+最低分辨率(theoretical resolution))
- 碰撞 Collision
390m/s², 4000 times
ΔR ≤ ±(2%R+0.1Ω)
- 振动 Vibration
10~500Hz, 0.75mm, 6h
ΔR ≤ (2%R+0.1Ω),
Δ(U_{ab}/U_{ac}) ≤ ±(3%+最低分辨率(theoretical resolution))
- 气候顺序 Climate Sequence: Per IEC 68-2-2 etc
ΔR ≤ ±(5%R+0.1Ω), R_i ≥ 100MΩ
- 电气耐久性 Electrical Endurance: 1W, 70°C, 1000h
ΔR ≤ ±(5%R+0.1Ω)
- 机械耐久性 Mechanical Endurance: 200 turns
ΔR ≤ ±(5%R+0.1Ω)
- 稳态湿热 Damp heat, steady state: Per IEC 68-2-3, 240h
ΔR ≤ ±(5%R+0.1Ω)

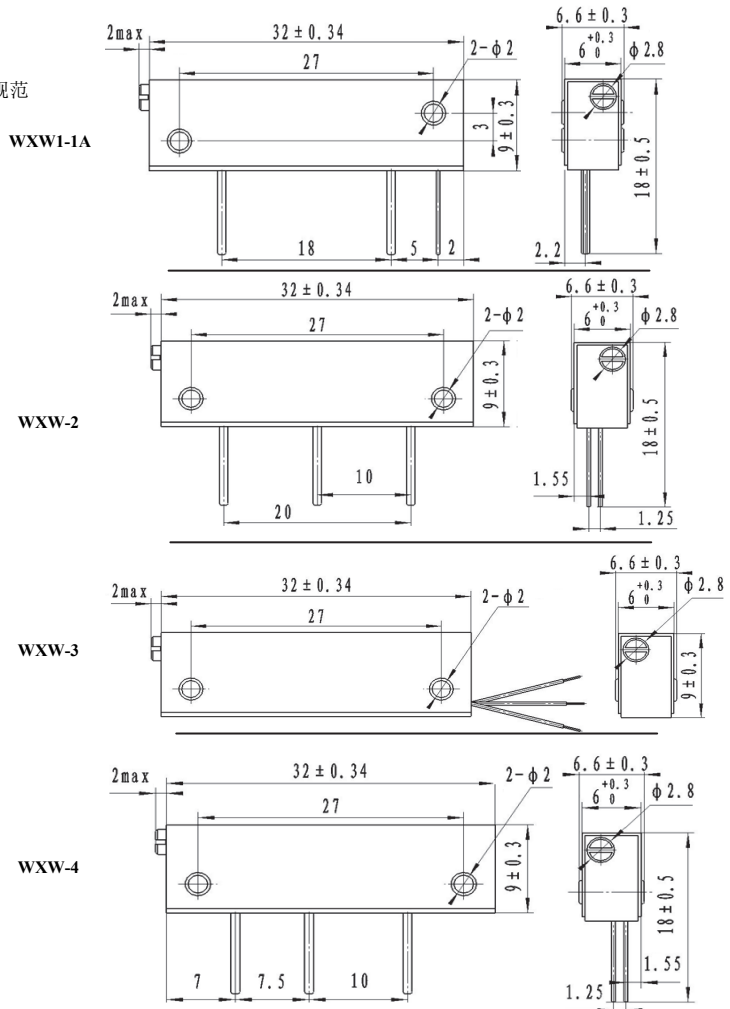
■ **物理特性 Physical characteristics**

- 总机械行程 Total mechanical travel 50±5 turns
- 启动力矩 Stating torque ≤ 35mN·m
- 标志: 型号、引出端形式、标称阻值、制造厂商标、生产年月
- Marking: Type, terminal shape, Rated resistance, Trade mark of the manufacturer, Production Date

■ **电路图 Circuit diagram**



■ **外形尺寸图 Dimensions**



■ **标称阻值表**

Nominal resistance table

| 阻值 (Ω) Resistance | | |
|-------------------|------|------|
| 10 | 150 | 2.2K |
| 12 | 180 | 2.7K |
| 15 | 220 | 3.3K |
| 18 | 270 | 3.9K |
| 22 | 330 | 4.7K |
| 27 | 390 | 5.6K |
| 33 | 470 | 6.8K |
| 39 | 560 | 8.2K |
| 47 | 680 | 10K |
| 56 | 820 | 12K |
| 68 | 1K | 15K |
| 82 | 1.2K | 18K |
| 100 | 1.5K | 22K |
| 120 | 1.8K | |

■ **订货指南 Ordering information**

WXW1-1A—22KΩ—±5%

型号 Type - 引出端形式 terminal shape - 标称阻值 Rated Resistance - 允许偏差 Tolerance