

- 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

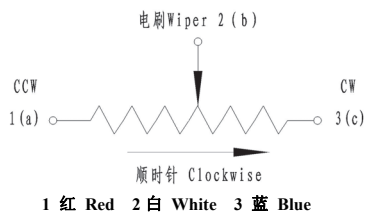
■ 环境特性 Environmental characteristics

- 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), R₀ ≥ 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)

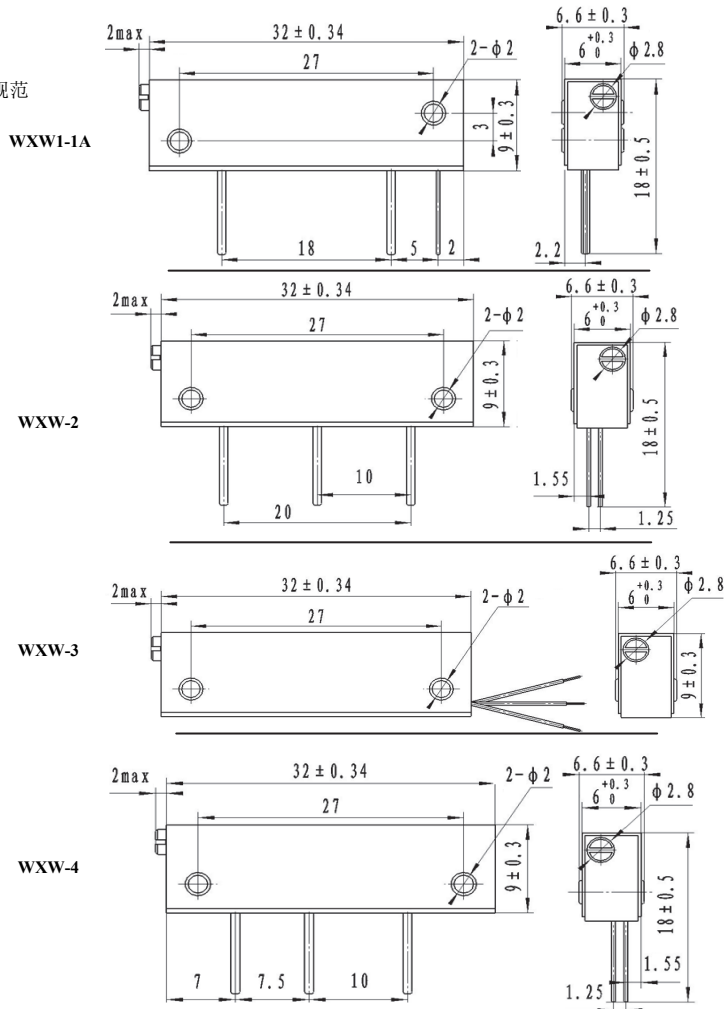
■ 物理特性 Physical characteristics

- 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