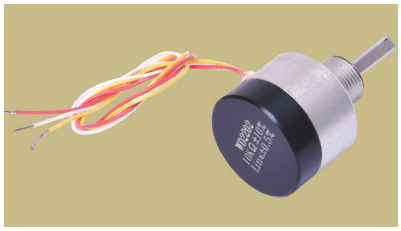


■轴的尺寸和轴端可按用户要求供货
Bespoke shaft dimension and shape available upon request

WD2202 型精密单圈导电塑料电位器
WD2202 Precision single turn conductive plastic potentiometer

■适用标准 Applicable specifications

■GJB1865-94　非线绕精密电位器总规范

■电特性 Electrical characteristics

■标称阻值范围 Range of rated resistance (Ω): 500～20K
■阻值允许偏差 Resistance tolerance: ±10%
■独立线性度 Linearity:±0.5%
■最低电压 Minimum voltage:≤0.1%
■输出平滑性 Output smoothness: ≤0.7%
■耐电压 Dielectric withstand voltage: 750V_{AC}
（正常大气压(Atmospheric pressure)
■电阻体极限电压 Limiting element voltage(V): 300
■有效电行程 Effective electrical travel: 355°±2°
■总机械行程 Total mechanical travel: 360°连续

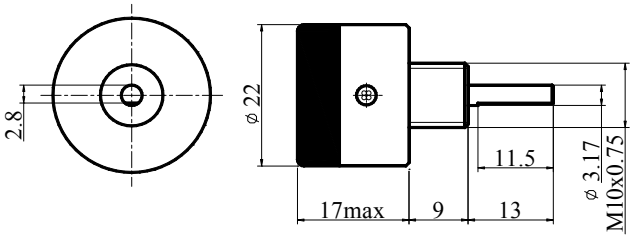
■环境特性 Environmental characteristics

■额定功率 Rated power (300Umax)
0.5W@70°C, 0W@125°C
■温度范围 Temperature range(°C): -55～+125
■电阻温度特性 TCR:≤±400×10^{-6}/°C
■高频振动 Vibration: GJB360.15 item
ΔR≤±2%R
■冲击 Shock: GJB360.23 item
应无机械损伤或电气损伤
■高温寿命 Electrical endurance:
70°C,1000h
Δ(Uab/Uac) ≤±0.75%
■寿命 Mechanical endurance:
10000000 cycles;
ΔR≤±10%R

■物理特性 Physical characteristics

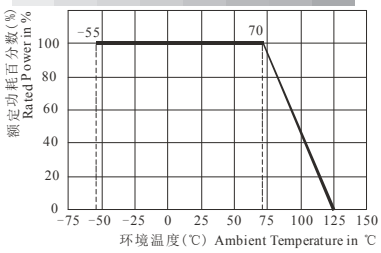
■启动力矩 Starting torque: ≤1mN.m
■重量 Weight: ≤25g
■标志:商标、型号、阻值、日期代码
Marking: Code symbol, type, resistance, date code
■安装形式 Mounting：轴套安装 Bushing Mounted
■标准包装 Standard package: 20 只/盒，20pcs/box

■ 外形尺寸图 Dimensions

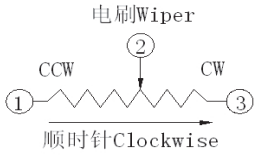


公差按 GB1804-79,Tolerance: as specified in GB1804-79

■ 降功耗曲线 Derating



■ 电路图 Circuit diagram



■ 标称阻值表 Nominal resistance table

阻值 Resistance（Ω）
500
1K
2K
5K
10K
20K

■ 订货指南 Ordering information

WD2202– 5K
型号 Type –标称阻值 Resistance