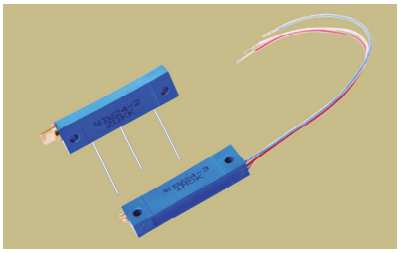


国军标产品

■ 军用电子元器件质量认证合格证书编号
COC-P-1165-2005

■ 等效美军标标准 MIL-R-22097
MIL-R-22097 Qualified

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

■ 适用标准 Applicable specifications

■GJB918-90　非线绕预调电位器总规范
■Q/RU20918.1-2003　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: ±10%
■终端电阻　Terminal resistance:≤1%R or 2Ω(取较大者)
≤1%R or 2Ω, whichever greater
■接触电阻变化 Contact resistance variation: CRV≤2%R
■绝缘电阻　Insulation Resistance: R_I ≥1GΩ(500V_{DC})
■介质耐电压　Dielectric withstand voltage: 640 V_{AC}
■极限动触点电流 limiting moving contact current:100mA
■有效电行程　Effective Electrical travel: ≥25turns

■ 环境特性 Environmental characteristics

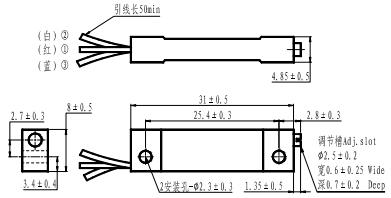
■额定功率　Rated Power
1W@70°C, 0W@125°C
■温度范围　Temperature range: - 55°C～+125°C
■电阻温度系数 TCR:≤±250×10^{-6}/°C
■温度冲击　Thermal shock
-65°C～+125°C, 15min, 5times;
ΔR≤±3%R, Δ(Uab/Uac)≤±2%
■冲击　Shock　100g，6ms；
ΔR≤±2%R; Δ(Uab/Uac)≤±2%
■高频振动　High frequency vibration
(10～2000)Hz, 0.75mm or10g, (10~55Hz) 6h,
(55~2000Hz), (35±5)min
ΔR≤±2%R, Δ(Uab/Uac)≤±2%
■耐湿　Moisture Resistance
+25°C ～ 65°C,　RH:90% ～ 98%,10times,
24h/times; ΔR≤±10%R, R_I≥100MΩ
■高温寿命　Life (High Temperature)
70°C, 1W, 1000h;
ΔR≤±10%R, Δ(Uab/Uac)≤±2%
■旋转寿命　Rotational life
200turns; ΔR≤±5%R
■高温贮存　High temperature exposure
+125°C (250±8h);
ΔR≤±12%R, Δ(Uab/Uac)≤±2%, R_I≥1GΩ
■低温工作　Low temperature operating
-55°C, Umax 315V;
ΔR≤±2%R, Δ(Uab/Uac)≤±2%
■浸渍　Immersion
无连续气泡冒出
No continuous stream of bubbles emitted

■ 物理特性 Physical characteristics

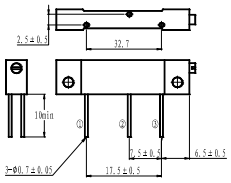
■启动力矩 Operating torque: ≤30mN•m
■标志:　型号、阻值、阻值允许偏差代码、生产日期、电路图
Marking: Type, Resistance, Tolerance code, production date, circuit diagram
■标准包装 Standard package: 100pcs/box

■ 外形尺寸图 Dimensions

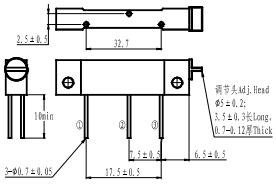
WIW24-3(3059L)



WIW24-1



WIW24-2



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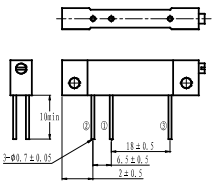
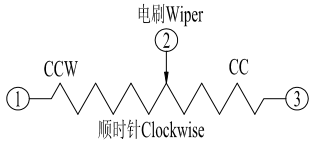


■ 电路图 Circuit Diagram



■ 标称阻值表 Nominal resistance table

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

■ 订货指南 Ordering information

WIW24－1－10K－K
型号 Type－ 引出端形式 Terminals－
标称阻值 Resistance value－ 允许偏差 Tolerance

对于本页内容的任何变更，恕不另行通知。订货前，请确认技术参数。Specifications are subject to change without notice.