

3296W 型玻璃釉预调电位器技术承认书

电气特性 Electrical Characteristics

标称阻值范围 (Range of normal resistance): $50\ \Omega$ - 2M

阻值允许偏差 (Resistance tolerance): $\pm 10\%$

终端电阻 (Terminal resistance): $\leq 5\%R$ 或 $5\ \Omega$

接触电阻变化 (Contact resistance variation): $CRV \leq 5\%$ 或 $5\ \Omega$

耐电压 (Withstand Voltage): 640Vac

绝缘电阻 (Insulation resistance): $R_i \geq 1\text{G}$ (100Vdc)

有效电行程 (Effective electrical travel): $>$ 总机械行程的 70% ($>70\%$ of total mechanical travel)

极限动触点电流 (Limit current of moving contact): 100mA

环境特性 Environment Characteristics

额定功率 (Rated Power) (315V max): 0.5W 70°C , 0W 125°C

温度范围 (Temperature range): -55°C — $+125^\circ\text{C}$

温度系数 (TCR): $\pm 250\text{ppm}/^\circ\text{C}$

温度变化 (Temperature variation): -55°C , 30min , $+125^\circ\text{C}$, 30min 循环 5 次 $\Delta R \leq 5\%R$,

Δ

$(U_{ab}/U_{ac}) \leq \pm 5\%$

振动 (Vibration): 10 – 500Hz , 0.75mm , 6h

电气中断 (electrical interruption): $\leq 100/\mu\text{s}$ $\Delta R \leq 5\%R$, $\Delta (U_{ab}/U_{ac}) \leq \pm 7.5\%$

碰撞 (Collision): $390\text{m}/\text{S}^2$, 4000 次 $\Delta R \leq 5\%R$

气候顺序 (Climate category): IEC68-2-2 等 (meet IEC68-2-2 etc) $\Delta R \leq 10\%R$, $R_1 \geq 100\text{M}\ \Omega$

70°C 电气耐久性 (Electrical endurance at 70°C): 0.5W , 1000h $\Delta R \leq 10\%R$ $CRV \leq 3\%R$ 或 $5\ \Omega$

恒定湿热 (Steady damp-heat): IEC68-2-3, Ca, 96h $\Delta R \leq 10\%R$, $R1 \geq 100M\Omega$

物理特性 Physical Characteristics

总机械行程 (Total Mechanical Travel): 30 ± 2 圈 (30 ± 2 turns)

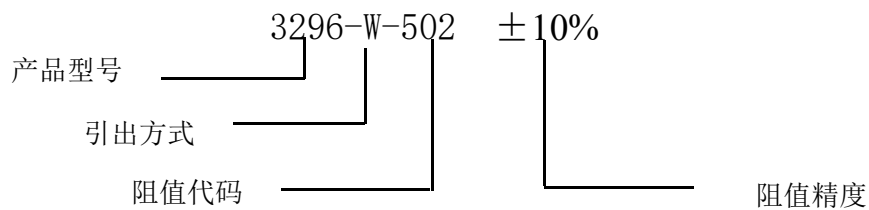
起动力矩 (Starting Torque): $\leq 30mN.m$

标准包装 (Standard Packaging): 50 只/管 (50pcs. per tube)

标志 (Mark): 阻值允许偏差 (10%不标注)、阻值代码、产品型号

Resistance tolerance (when no identification, it is of $\pm 10\%$) resistance code type

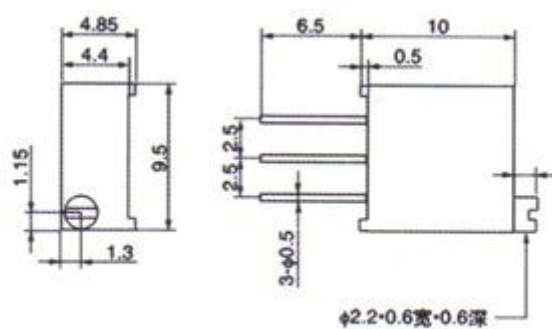
3296W 系列电位器命名规则:



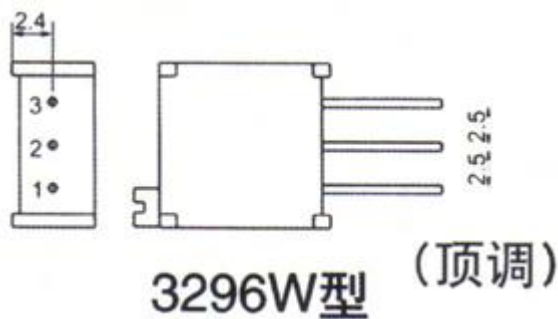
标称阻值代码对照表

阻值 (Ω)	阻值代码	备注
10	100	低阻部分
20	200	
50	500	
100	101	
200	201	
500	501	
1,000	102	
2,000	202	
5,000	502	
10,000	103	
20,000	203	
25,000	253	
50,000	503	
100,000	104	
200,000	204	
250,000	254	
500,000	504	
1,000,000	105	
2,000,000	205	
5,000,000	505	高阻部分
注：除以上阻值外，其余全为非标称阻值		

3296W 系列产品尺寸图：



共有尺寸图



3296W型 (顶调)