

产品品牌博晨 (BOCHEN)

# 3296W 型玻璃釉预调电位器

## 技术承认书

拟 制:

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## 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):  $10\ \Omega$ — $2\text{M}\ \Omega$

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):  $640\text{Vac}$

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

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):  $100\text{mA}$

### 环境特性 Environment Characteristics

额定功率 (Rated Power) ( $315\text{V max}$ ):  $0.5\text{W } 70^\circ\text{C}$ ,  $0\text{W } 125^\circ\text{C}$

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

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

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

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

振动 (Vibration):  $10$ — $500\text{Hz}$ ,  $0.75\text{mm}$ ,  $6\text{h}$

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)  $\Delta R \leq 10\%R$ ,  $R_1 \geq 100\text{M}\ \Omega$

$70^\circ\text{C}$  电气耐久性 (Electrical endurance at  $70^\circ\text{C}$ ):  $0.5\text{W}$ ,  $1000\text{h}$   $\Delta R \leq 10\%R$   $CRV \leq 3\%R$  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

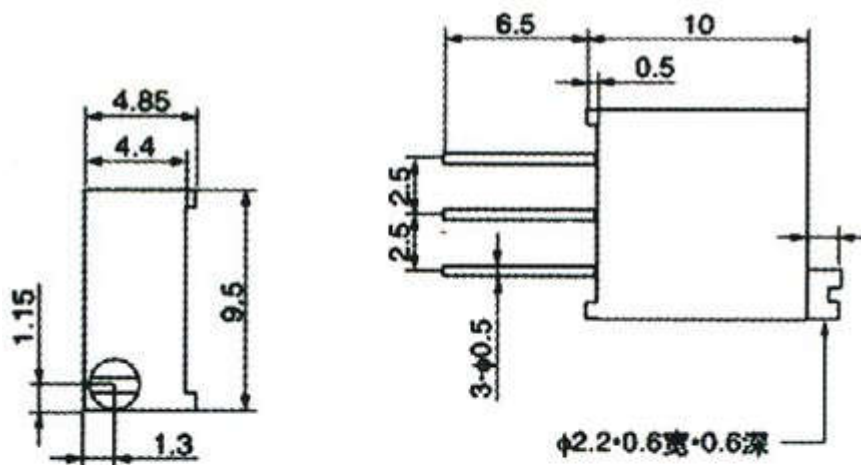
总机械行程 (Total Mechanical Travel):  $30 \pm 2$  圈 ( $30 \pm 2$  turns)

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

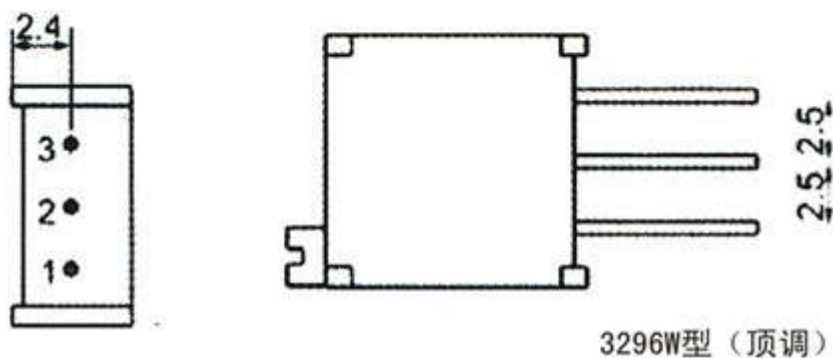
标准包装 (Standard Packaging): 50 只/管 (50 pcs. per tube)

标志 (Mark): 阻值允许偏差 (10%不标注)、阻值代码、产品型号

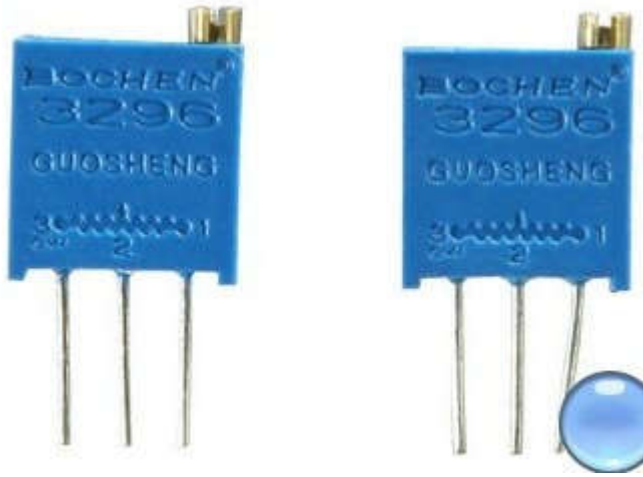
Resistance tolerance (when no identification, it is of  $\pm 10\%$ ) resistance code type



共有尺寸图



3296W型 (顶调)



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