

产品品牌博晨 (BOCHEN)

3296W 型玻璃釉预调电位器

技术承认书

拟 制:

审 核:

批 准:

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): 640Vac

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): 100mA

环境特性 Environment Characteristics

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

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 $\Delta R \leq 5\%R$,

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

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

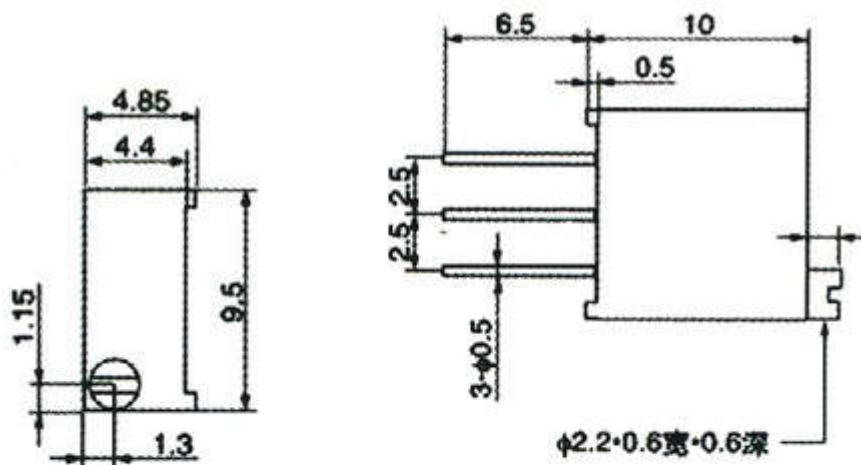
总机械行程 (Total Mechanical Travel): 30 ± 2 圈 (30 ± 2 turns)

起动力矩 (Starting Torque): $\leq 30mN.m$

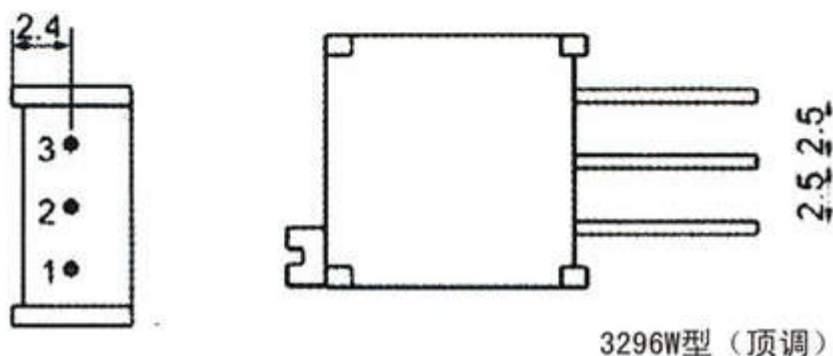
标准包装 (Standard Packaging): 50 只/管 (50pcs. per tube)

标志 (Mark): 阻值允许偏差 (10%不标注)、阻值代码、产品型号

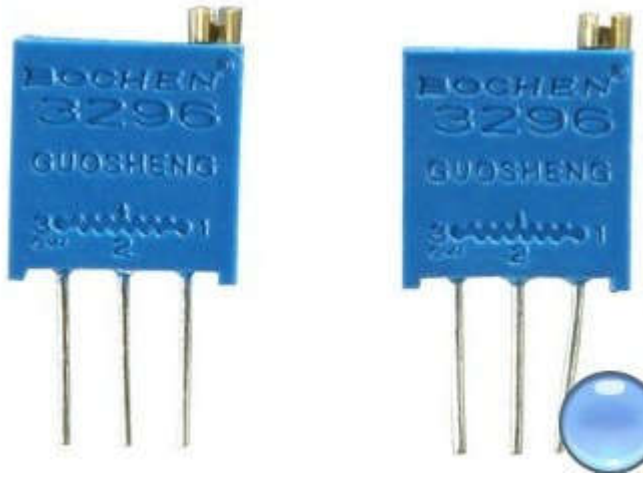
Resistance tolerance (when no identification, it is of $\pm 10\%$) resistance code type



共有尺寸图



3296W型 (顶调)



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