

Specification

3299 series

🚩 电气特性 Electrical Characteristics

标称阻值范围 (Range of normal resistance): $50\ \Omega$ — $2\text{M}\ \Omega$

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): $101.3\ \text{KPa}$ 600V , $8.5\ \text{KPa}$ 315V

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

有效电行程 (Effective electrical travel): 30 ± 2 圈 (30 ± 2 turns)

🚩 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): $\Delta R \leq \pm 2\%R$, $\Delta (U_{ab}/U_{ac}) \leq \pm 1\%$

振动 (Vibration): 10 — 500Hz , 0.75mm , 6h $\Delta R \leq \pm 1\%R$, $\Delta (U_{ab}/U_{ac}) \leq \pm 2\%$

碰撞 (Collision): $390\text{m}/\text{S}^2$, 4000 次 $\Delta R \leq \pm 1\%R$

气候顺序 (Climate category): $\Delta R \leq \pm 3\%R$, $R_i \geq 100\text{M}\ \Omega$

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

恒定湿热 (Steady damp-heat): $\Delta R \leq \pm 3\%R$, $R_i \geq 100\text{M}\ \Omega$

🚩 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): $\leq 36\text{mN}\cdot\text{m}$

止档力矩 (clutching Torque): $\geq 36\text{mN}\cdot\text{m}$

标准包装(Standard Packaging): 50 只/袋 (50pcs. per bag)

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 common dimensions

