



多圈/圆形/线绕/面板式电位器 3590
 可提供工业级、军工级产品
 Multiturn/Round/Wirewound/CERMET TRIMMER

电特性 Electrical Characteristics

标称阻值范围 Rangs of nominal resistance	100Ω ~ 100KΩ
阻值允许偏差 Resistance tolerance	± 5%
独立线性度过 Independent Linearity	± 0.5%
终端电阻 Terminal resistance	≤ 0.2%R or 5Ω
绝缘电阻 Insulation resistance	R1 ≥ 1GΩ
转动噪声 Noise	≤ 3%R or 3Ω
有效行程 Effective Electrical travel	3600°~10°
耐电压 Winthstand voltage	101.3KPa710V, 8.5KPa470V

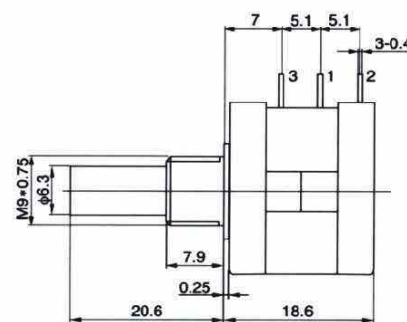
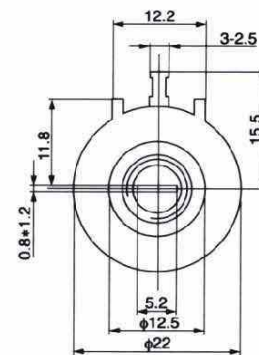
环境特性 Environment Characteristics

额定功率 Rated power	2W @70°C, 0W @125°C
温度范围 Temperature range	-55°C ~ +125°C
温度系数 TCR	± 100 ppm/°C
温度变化 Temperature Variation	ΔR ≤ 2%R, Δ(Uab/Uac) ≤ ± 1%
碰撞 Collision	390m/s², 4000次 ΔR ≤ ± 1%R
气候顺序 Climate Category	ΔR ≤ ± 3%R, R1 ≥ 100MΩ
高频振动 High frequency vibration	10 ~ 500HZ, 0.75mm, 或 98m/s², 6h ΔR ≤ ± 1%R, Δ(Uab/Uac) ≤ ± 2%
70°C电气耐久性 Electrical Endurance at 70°C	2W, 1000h, ΔR ≤ ± 3%R
稳态温热 Steady damp-heat	ΔR ≤ ± 3%R, R1 ≥ 100MΩ
机械耐久性 Mechanical Endurance	10000周, ΔR ≤ ± 3%R

物理特性 Physical Characteristics

总机械行程 Total Mechanical Travel	≥ 3600° ± 10°
起动力矩 Starting Torque	≤ 36mN · m
标准包装 Standard Packaging	25只/盒 (pcs/box)

外型尺寸 Outline drawing size



3590S-1 塑料手柄
 3590S-2 金属手柄