

Datasheet of Trimming Potentiometer

3386T-1-LS1K

★Electrical Characteristics

Range of normal resistance: $1\text{K}\Omega$
Resistance tolerance: $\pm 10\%$
Terminal resistance: $\leq 1\%R$ or 2Ω
Contact resistance variation: $\text{CRV} \leq 1\%R$ or 2Ω
Withstand Voltage: $101.3\text{kPa } 500\text{V}$, $8.5\text{kPa } 350\text{V}$
Insulation resistance: $R_1 \geq 1\text{G}\Omega$ (100Vac)
Effective electrical travel: 260°

★Environment Characteristics

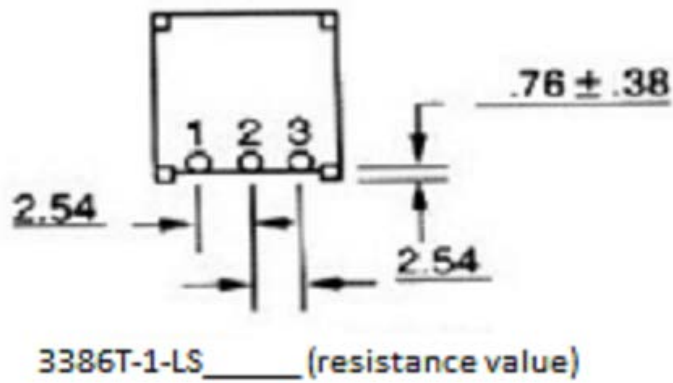
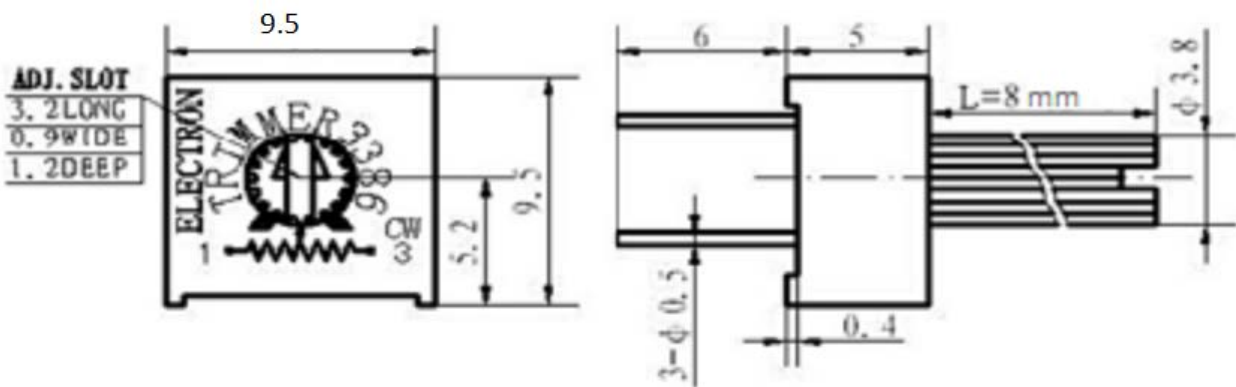
Rated Power (250 max): $0.5\text{W } 70^\circ\text{C}$, $0\text{W } 125^\circ\text{C}$
Temperature range: $-55^\circ\text{C} \sim +125^\circ\text{C}$
TCR: $\pm 100\text{ppm}/^\circ\text{C}$, $\pm 250\text{ppm}/^\circ\text{C}$
Temperature variation: $\Delta R \leq \pm(2\%R + 0.1\Omega)$, $\Delta(U_{ab}/U_{ac}) \leq \pm 1\%R$
Collision: 390m/S_2 , 4000cycles $\Delta R \leq \pm 1\%R$
Electrical endurance at 70°C : 0.5W , 1000h $\Delta R \leq \pm 10\%R$ $\Delta(U_{ab}/U_{ac}) \leq 10\%$
Mechanical Endurance: 200cycles , $\Delta R \leq \pm 10\%R$
Steady damp-heat: $\Delta R \leq \pm 3\%R$, $R_1 \geq 100\text{M}\Omega$

★Physical Characteristics

Total Mechanical Travel: 280° Staring Torque: $\leq 20\text{mN.m}$ Clutch
Torque: $\geq 50\text{mN.m}$
*T = see pinout diagram on next page
*LS = Long shaft

Drawing

Common Dimensions Top Adjust



T = Above pinout diagram
 LS = Long shaft (0.315" / 8 mm)