

Datasheet of Trimming Potentiometer

3386P-1-LS500K

★Electrical Characteristics

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

★Environment Characteristics

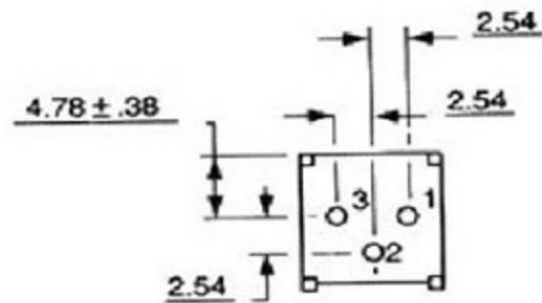
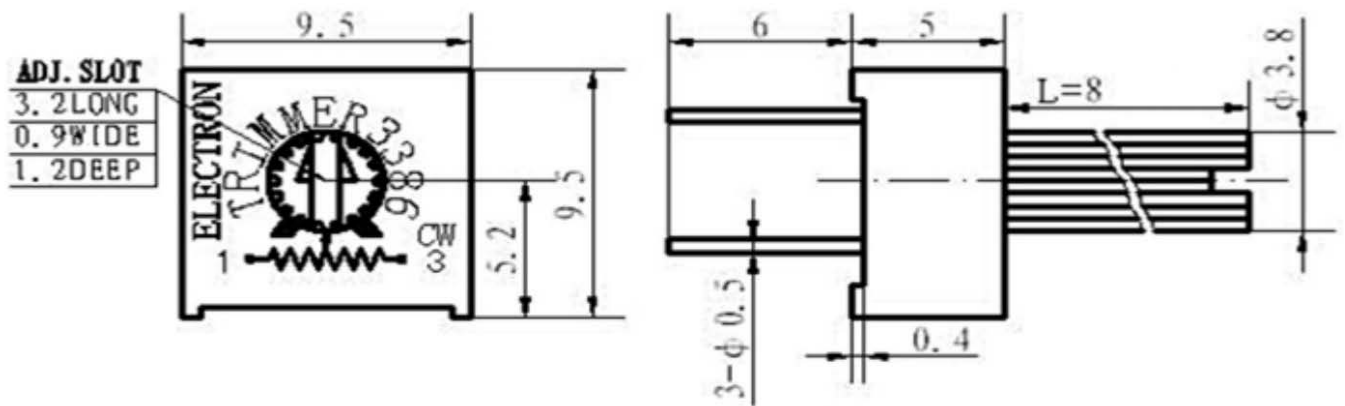
Rated Power (250 max): 0.5W 70°C, 0W 125°C
Temperature range: -55°C~+125°C
TCR: $\pm 100\text{ppm}/^\circ\text{C}$, $\pm 250\text{ppm}/^\circ\text{C}$
Temperature variation: $\Delta R \leq \pm(2\%R + 0.1\Omega)$, $\Delta(U_{ab}/U_{ac}) \leq \pm 1\%R$
Collision: 390m/S₂, 4000cycles $\Delta R \leq \pm 1\%R$
Electrical endurance at 70°C: 0.5W, 1000h $\Delta R \leq \pm 10\%R$ $\Delta(U_{ab}/U_{ac}) \leq 10\%$
Mechanical Endurance: 200 cycles, $\Delta R \leq \pm 10\%R$
Steady damp-heat: $\Delta R \leq \pm 3\%R$, $R_1 \geq 100M\Omega$

★Physical Characteristics

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

Drawing

Common Dimensions Top Adjust



3386P-1-LS_____ (resistance value)

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