

# Datasheet of Trimming Potentiometer 3266P

## Electrical Characteristics

Range of normal resistance:  $10\Omega$ — $5M\Omega$

Resistance tolerance:  $\pm 5\%$ ,  $\pm 10\%$

Terminal resistance:  $\leq 1\%R$  or  $2\Omega$

Contact resistance variation:  $CRV \leq 1\%R$  or  $2\Omega$

Withstand Voltage: 101.3kPa 500V, 8.5kPa 350V

Insulation resistance:  $R_1 \geq 1G\Omega$  (100Vac)

Effective electrical travel:  $12 \pm 2$  turns

## Environment Characteristics

Rated Power (250V max): 0.25W 70°C, 0W 125°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:  $390\text{m/S}^2$ , 4000cycles  $\Delta R \leq \pm 1\%R$

Electrical endurance at  $70^\circ\text{C}$ : 0.25W, 1000h,  $\Delta R \leq \pm 3\%R$

Mechanical Endurance: 200 cycles,  $\Delta R \leq \pm 3\%R$

Steady damp-heat:  $\Delta R \leq \pm 3\%R$ ,  $R1 \geq 100\text{M}\Omega$

## Physical Characteristics

Total Mechanical Travel:  $14 \pm 2$  turns

Starting Torque:  $\leq 25\text{mN.m}$

Clutch Torque:  $\geq 25\text{mN.m}$

Standard Packaging: 50 PCS per tube

## Dimensions

