



Shanghai Tayee Electric Co.,Ltd

LA42DWQ Potentiometer

Data:

Electrical Characteristics:

Resistance Range $1K\Omega$ 、 $2K\Omega$ 、 $3.7K\Omega$ 、 $4.7K\Omega$ 、 $5K\Omega$ 、 $10K\Omega$ 、 $20K\Omega$ 、 $22K\Omega$ 、 $100K\Omega$ etc.

resistance tolerance $\pm 10\%$

Terminal resistance $\leq 1\%R$

Contact resistance variation..... $4\%R$

Insulation resistance..... $R \geq 1G\Omega$

Voltage Endurance..... $101.3kpa$ $1000V$, $8.5kpa$
 $350V$

Environmental characteristics:

Rated power(max operated voltage $250V$) $+70^{\circ}C$

$0.5W, +125^{\circ}C$ $0W$

Range of working temperature $-5^{\circ}C$ — $+125^{\circ}C$

Collison..... $390m/s^2$, 4000 times, $\Delta R \leq \pm 2\%R$

Vibration $10-500Hz$, $0.75mm$ or $98m/s^2$, 3h
..... $\Delta R \leq \pm 2\%R$, $(\Delta U_{ab}/U_{ac}) \leq 2\%$

Electrical durability in $70^{\circ}C$ $0.5W$, 1000h,

Mechanical endurance..... 10000 weeks

Normal hot and humid condition..... $\Delta R \leq \pm 2\%R$