



Feature

1. Remote-controllable potentiometer for various audio equipment
2. Support motor driving and manual operating

Motor-driver type potentiometer

Electrical characteristics

- Total Resistance.....100K Ω
- Number of resistor elements.....Dual-unit
- Shaft types.....Flat
- Length of the shaft.....25mm
- Resistance Taper.....3B
- Motor print terminal.....With
- Rated Power.....0.05W
- Total Resistance Tolerance..... $\pm 20\%$
- Maximum operating current.....At rotation:100mA/At end slip:150mA
- Minimum order unit(pcs.).....200
- Insulation Resistance.....100M Ω min. at DC 250v
- Motor voltage.....4 to 6V DC(standard:4.5V)
- Voltage proof.....300V AC for 1 minute
- Potentiometer rotational speed.....12 ± 3 sec/300 $^\circ$ (4.5V DC)

Mechanical characteristics

- Total Rotational Angle.....300 $^\circ \pm 5^\circ$
- Rotational Torque.....10gf.cm~40gf.cm
- Stopper Strength.....0.9kgf.cm Min.
- Push-Pull Strength.....100kgf Max
- Gang Error.....-40dB~0dB ± 3 dB
- Operating temperature range.....-10 $^\circ$ C ~ +70 $^\circ$ C
- Maximum operating voltage.....50V AC

Durability

- Cold.....-20 $\pm 2^\circ$ C for 96h
- Dry heat.....70 $\pm 2^\circ$ C for 96h
- Rotational Life.....15,000 Cycles
- Damp heat.....40 $\pm 2^\circ$ C,90 to 95%RH for 96h