SLIDE POTENTIOMETER
SLR-1-10101B

Features

- 10mm stroke
- 2.1mm height
- 10K ohm- 50K ohm Total resistance
- Tray Package

Applications

- Digital camera zoom
- Of electronic equipment volume, image quality, dimming control
- Personal audio

Products line

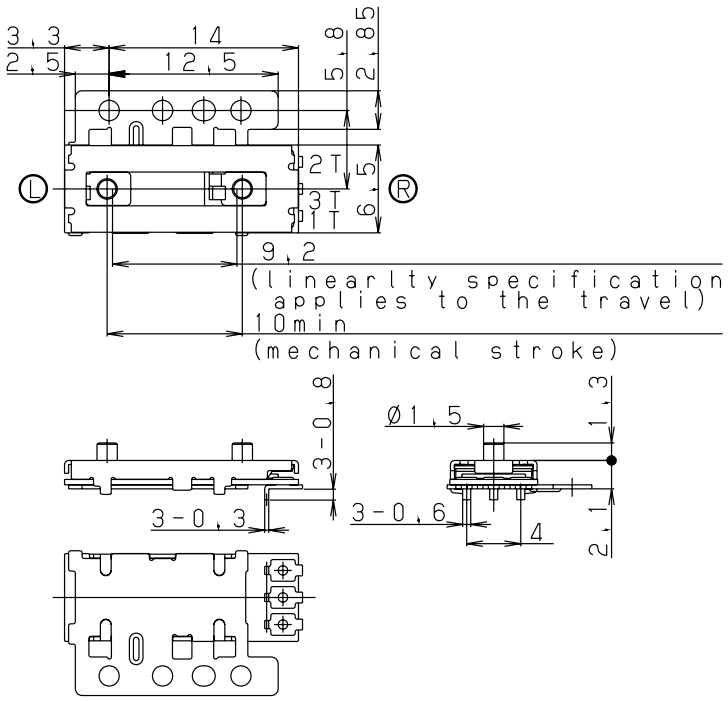
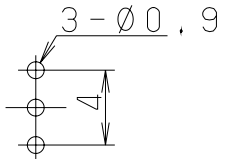
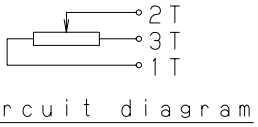
No	Products number	Number of resistor elements	Travel	Total resistance	Resistance Taper
1	SLR-1-10101B	1	10	10K ohm	1B

Typical specifications

Items	Specifications
Power rating	0.05W (Terminal 1-3)
Rated voltage	5V(Maximum operating voltage 5.25V)
Insulation resistance	100megohm
Withstanding voltage	100VAC 1min
Operating force	Max 0.25N
Operating life	50,000 cycles
Linearity	Plus or minus 2 percent,Plus or minus 1.3 percent
Operation temperature range	From -10 to +60 degree Celsius
Storage temperature range	From -25 to +70 degree Celsius

Dimensions

Unit : mm

No	Style	Round pattern dimension(TOP VIEW) Circuit diagram
1	SLR-1-10101B 	  Circuit diagram

Notes

1. The appearance and specifications of the product may be modified to improve its performance without prior notice.
2. This catalog shows only outline specifications. When using the product, please obtain formal specifications.
3. Regardless of the applications of these products being introduced in this catalog, when using them for equipment and devices requiring a high degree of safety, respective manufacturers shall preserve the safety of the planned equipment and devices by providing necessary protective and redundancy circuits and reconfirm if safety is being duly preserved.
4. The general-use potentiometers cannot be washed. If the potentiometer is washed, the lubricating oil on contacts and mechanical portions may flow out and also detergent remains inside the potentiometer, these may be the factors to cause intermittent contact, insulation fault and withstanding voltage fault. If you need the cleaning, please select the washable potentiometer.
5. The printed circuit board and outer material of switch are normally non-flame resisting. If you need flame resisting material, please select the proper class to meet your application.
6. Note that if the stress more than specifications is applied to the potentiometer during the operation, they might cause deformation and defects in electrical performance. Care shall be taken not to apply abnormal stress to the potentiometer.
7. In case of the soldering of the slide potentiometers, it shall be made after the operating knob changes over completely.
8. Since there is a possibility of the melting of the soldering flux and the penetration into inside of the potentiometer after soldering, do not wipe off flux with the solvent.
9. If the potentiometers are used in the following environment, the performance and the characteristics may have bad influence. Under the environment of corrosive gas such as Cl_2, H_2S, NO_2, SO_2, NH_3.
   At the place of the possibility of the attachment of water-drop, moisture, salty water, oil, agent and organic solvent.
   Under the places of direct sunshine and dusty environment.
10. If the potentiometer are not used immediately, please store them as delivered in the following environment: with temperature at -10 to +60 degree C, relative humidity 25 to 75% without water-drop and direct sunshine. There might be the possibility of the chemical action by sulfur at silver plated terminal, which leads to the reduction of solderbility and creation of the oxidization and the rust if the potentiometers are stored in the high temperature and high humid environment for a long time (approx. 6 months). After the break of the seal, the remaining of the potentiometers shall be stored in a plastic bag to separate them from the moisture and corrosive gas.