

# Detector Switch

## SSS-52 Series

1/3

### Features

- ◇Dimensions 8.45x7.5x3.8mm,
- ◇Long ON travel (single side: about 26 degree)
- ◇Custom-made of the knob style is possible and please feel free to contact us beforehand.



SSS-52

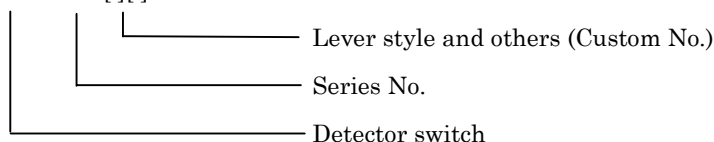
Actual size

### Applications

- ◇CD, DVD, VTR
- ◇Detection of operating position of trays

### Product Number

SSS - 52 - [ ] [ ]



### Products Line

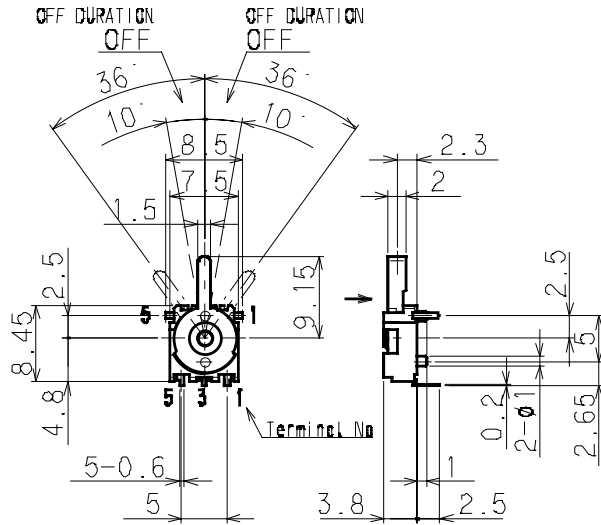
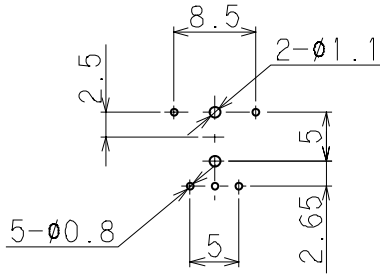
No	Products No.	Operating force	Travel		Terminal Type	Recommended Thickness of P.C.B	Mounting Method
		R direction L direction	OFF Duration	Total Travel			
1	SSS-52	MAX 0.69N	20 (single side 10 degree)	36 (single side 36 degree)	Light angle	1mm	P.C.B mounting

### Typical Specifications

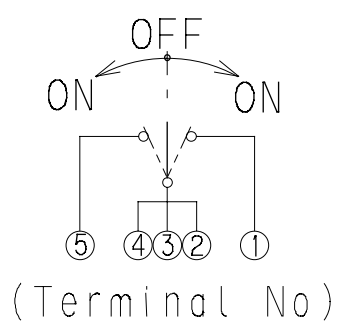
Item	Specifications
Circuit-Position	1 pole - 2 positions
Type	Normally Open
Ratings (max.) ( Resistive load )	1mA 5V DC to 50mA 16V DC
Contact resistance	100 milliohm max.
Operating life	50,000 cycles
Operating temperature range	-10 to +70 degree Celsius
Storage temperature range	-20 to +85 degree Celsius

## Dimensions

Unit : mm

No	Style	P.C.B mounting hole Dimensions Terminal style (TOP VIEW)
1	SSS-52 	P.C.B 

### □ 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 Please see appendix [Cautions in Using Switches ].
- 4 This lever switch is not washable.
- 5 Soldering shall be done with lever at free position and take care not to attach flux on plastic portion.
- 6 Note that if the stress is applied to the terminals during soldering, they might cause deformation and defects in electrical performance.
- 7 In manual soldering, consideration should be given to apply the soldering iron to the tip of the terminal so that unusual pressure is not applied to the terminal
- 8 In case circuit and software design consideration against chattering and bouncing shall be taken as below.
  - Read a few times. (Ex. 5ms for 5 times)
  - Set delay time.
  - Set integral circuit.
- 9 As to threshold voltage, center setting is recommended.
- 10 Care shall be taken not to apply stress to the body of switch as it may affect the performance.
- 11 Please confirm the performance on actual operation by simulation with actual environment environments for high reliability.