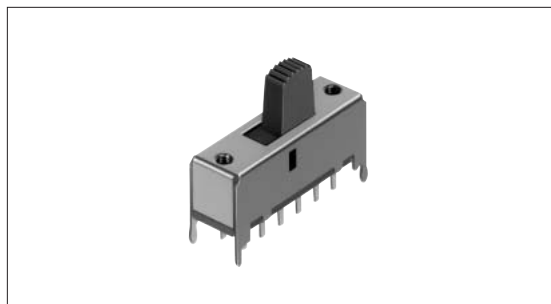


# Slide Switch 12(H)mm, 4mm-travel Type

## SSSB Series



Large-size, general-purpose switches with a long travel of 4mm, deliver a reliable operational feel.



### Features

- 4mm-travel.
- Can be mounted on a panel with screws.
- All varieties are non-shorting types.

### Applications

- For switching signals of set products, including DVD players
- For electronic instruments, including audio mixers

### Typical Specifications

Items		Specifications
Rating (max.) / (min.) (Resistive load)		0.3A 30V DC/50 $\mu$ A 3V DC
Contact resistance (Initial performance/After lifetime)		20m $\Omega$ max./60m $\Omega$ max.
Operating force		Refer to the dimensions.
Operating life	Without load	10,000 cycles
	With load	5,000 cycles (0.3A 30V DC)

### Products Line

Travel (mm)	Operating section directions	Length of operating section (mm)	Poles	Positions	Mounting method	Changeover timing	Soldering	Minimum packing unit (pcs.)	Products No.	Drawing No.
4	Vertical	6	2	2	Press-in	Non shorting	Manual, Dip	100	SSSB021500	1
		9							SSSB022200	
		12							SSSB022700	
		6	4	3					SSSB02E300	2
				2					SSSB042000	3

### Note

Additional switches not included in the above list are also available. Contact us for details.

Detector

Push

Slide

Rotary

Encoders

Power

Dual-in-line  
Package Type

Multi Control  
Devices

TACT Switch™

Custom-  
Products

Small size  
General Use type

Big size  
General Use type

Other Use type

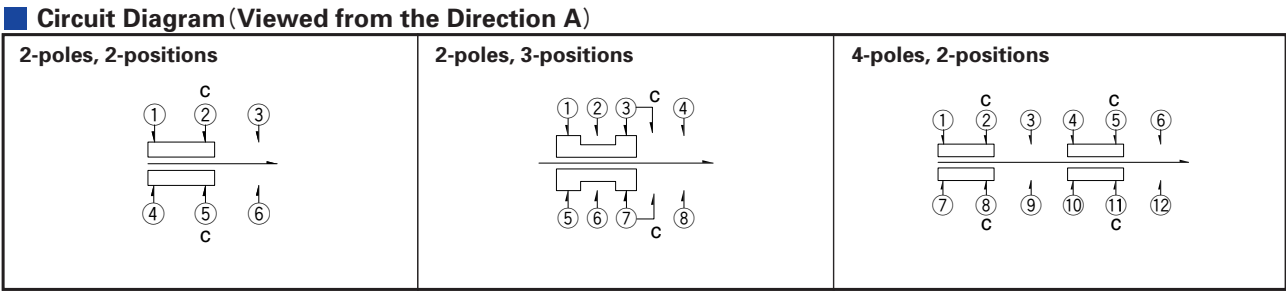
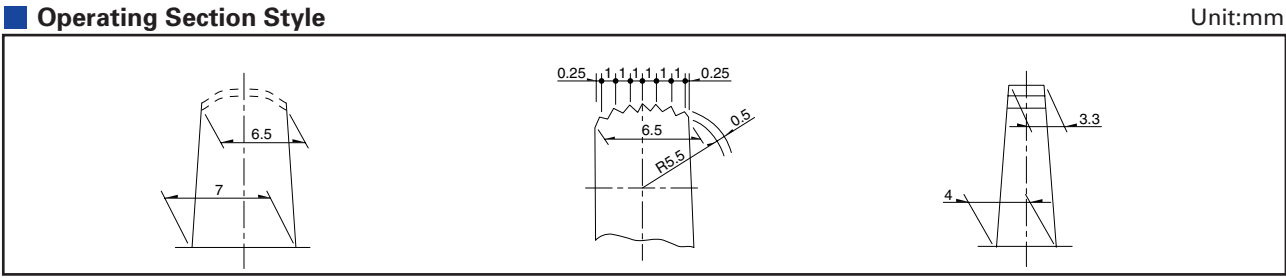
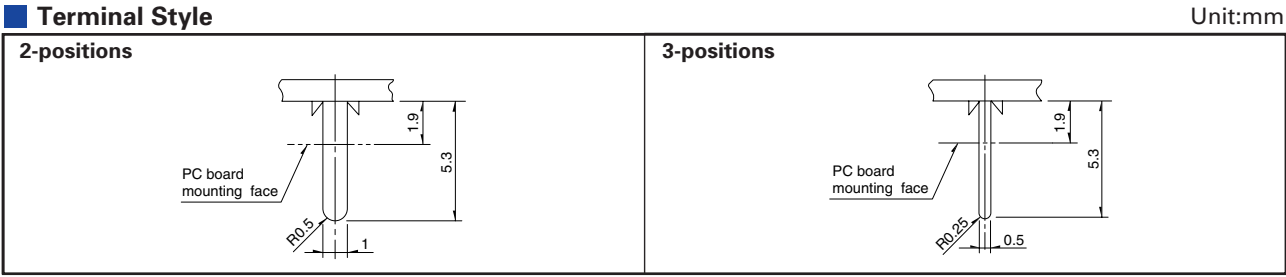
# Slide Switch

## 12(H)mm, 4mm-travel Type | SSSB Series

### Dimensions

Unit:mm

No.	Style	PC board mounting hole dimensions (Viewed from the direction A)
1	<p><b>2-poles, 2-positions</b></p> <p>Operating force with detent : 3.5N</p>	
2	<p><b>2-poles, 3-positions</b></p> <p>Operating force with detent : <math>\left. \begin{matrix} a \rightarrow b \\ c \rightarrow b \end{matrix} \right\} 3\text{N}</math> <math>\left. \begin{matrix} b \rightarrow a \\ b \rightarrow c \end{matrix} \right\} 6\text{N}</math></p>	
3	<p><b>4-poles, 2-positions</b></p> <p>Operating force with detent : 4.5N</p>	



Detector

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Other Use type

Products Specifications

	Series		SSSB	SSAA	SSAC	SSAB	SSST	
	Items							
Detector	Operating temperature range		-10℃ to +60℃					
Push	Rating (max.) (Resistive load)		0.3A 30V DC	0.1A 30V DC	1mA 5V DC	0.1A 12V DC		
Slide	Electrical performance	Initial contact resistance	20mΩ max.	25mΩ max.	100mΩ max.	30mΩ max.	70mΩ max.	
		Insulation resistance	100MΩ min. 500V DC		100MΩ min. 100V DC	100MΩ min. 500V DC		
Rotary		Voltage proof	500V AC for 1 min.		100V AC for 1 min.	500V AC for 1 min.		
Encoders	Mechanical performance	Robustness of terminal		5N for 1 min.			3N for 1 min.	
Power		Robustness of actuator	Operating direction	50N	10N	5N	30N	20N
Dual-in-line Package Type			Pulling direction	30N Static force			40N	10N
Multi Control Devices		Vibration		10 to 55 to 10Hz/min., the amplitude is 1.5mm for all the frequencies, in the 3 direction of X, Y and Z for 2 hours respectively				
TACT Switch™		Resistance to soldering heat	Manual soldering	350±10℃ 3 <sup>+</sup> <sub>1</sub> s		300±10℃ 2s max.	350±10℃ 3 <sup>+</sup> <sub>1</sub> s	350±10℃ 3s max.
			Dip soldering	260±5℃ 10±1s		260±10℃ 5±1s	260±5℃ 10±1s	260±5℃ 5 <sub>1</sub> s
			Reflow soldering					Please see P.161
	Durability	Operating life without load	10,000 cycles 40mΩ max.	10,000 cycles 45mΩ max.	10,000 cycles 200mΩ max.	1,000 cycles 60mΩ max.	10,000 cycles 100mΩ max.	
		Operating life with load Load : as rating	5,000 cycles 60mΩ max.	10,000 cycles 65mΩ max.		1,000 cycles 80mΩ max.	10,000 cycles 130mΩ max.	
Small size General Use type	Environmental performance	Cold		-20±2℃ for 96h				
Big size General Use type		Dry heat		85±2℃ for 96h				
Other Use type		Damp heat		40±2℃, 90 to 95%RH for 96h				