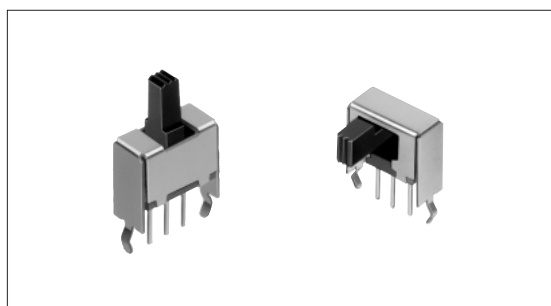


Slide Switch 1.9/2mm-travel, for Modulator Switching Type

SSAB Series



4.2mm body width contribute in space saving.



Typical Specifications

Items		Specifications
Rating (max.) / (min.) (Resistive load)		0.1A 12V DC/50 μ A 3V DC
Contact resistance (Initial performance/After lifetime)		30m Ω max./80m Ω max.
Operating force		Refer to the dimensions.
Operating life	Without load	1,000cycles
	With load	1,000cycles (0.1A 12V DC)

Product Line

Travel (mm)	Actuator direction	Actuator length (mm)	Poles	Positions	Mounting method	Changeover timing	Soldering	Minimum order unit (pcs.)	Product No.	Drawing No.
1.9	Vertical	3	1	2	Snap-in (t1.2)	Non shorting	Manual, Dip	10,000	SSAB010200	1
		6							SSAB010100	
2	Horizontal	5							SSAB110100	2

Packing Specifications

Bulk

Number of packages (pcs.)		Export package measurements (mm)
1 case /Japan	1 case /export packing	
2,000	10,000	400 $\times$ 270 $\times$ 290

Notes

- Products other than those listed in the above chart are also available. Please contact us for details.
- Please place purchase orders per minimum order unit N (integer).

Detector

Push

Slide

Rotary

Encoders

Power

Dual-in-line
Package Type

TACT Switch™

Custom-
Products

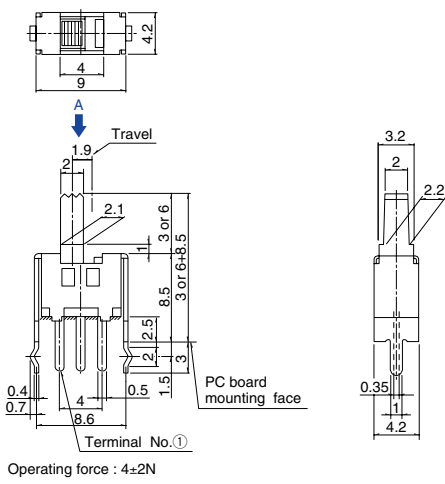
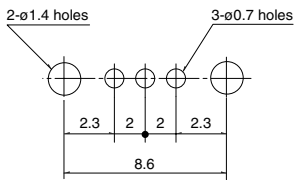
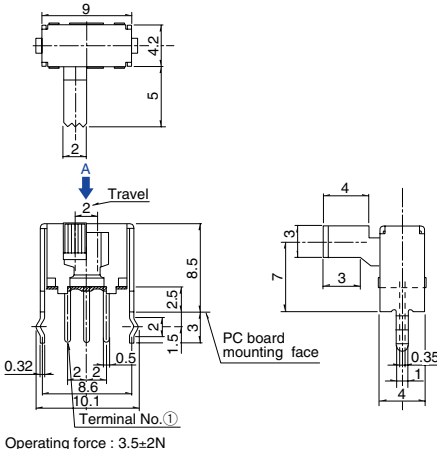
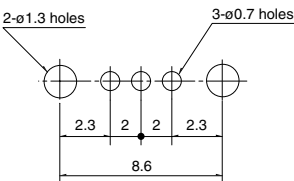
Small size
General Use type

Big size
General Use type

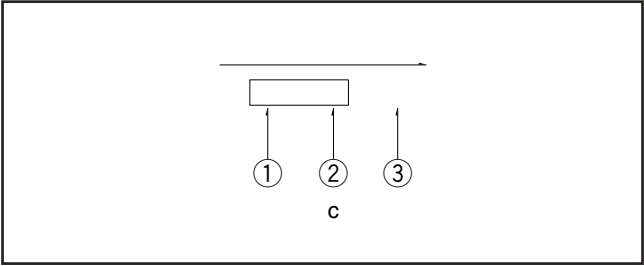
Other Use type

■ Dimensions

Unit:mm

No.	Style	PC board mounting hole dimensions (Viewed from the direction A)
1	Vertical  Operating force : 4±2N	
2	Horizontal  Operating force : 3.5±2N	

■ Circuit Diagram (Viewed from Direction A)



List of Varieties



Series		SSSF ※	SSSU ※	SSSB	SSST	SSAA ※	SSAC	SSAB
Photo								
Outline specifications	Travel (mm)	2	3	4		2	1.5	1.9 2
	Actuator direction	Vertical Horizontal		Vertical		Horizontal		Vertical Horizontal
	Number of poles	1 2 4		2 4	1	1 2	2	1
Dimensions (mm)	W	16.5	24.5	29	13	12.4	9.5	9
	D	7		9	4.3	6	5.5	4.2
	H	8.5		12	3.5	5	5.2	8.5
Operating temperature range		-10℃ to +60℃						
Rating (max.) / (min.) (Resistive load)		0.1A 30V DC		0.3A 30V DC	0.1A 12V DC	0.1A 30V DC	1mA 5V DC	0.1A 12V DC
		50μA 3V DC						
Electrical performance	Initial contact resistance	25mΩ max.		20mΩ max.	70mΩ max.	25mΩ max.	100mΩ max.	30mΩ max.
	Insulation resistance	100MΩ min. 500V DC						100MΩ min. 100V DC 100MΩ min. 500V DC
	Voltage proof	500V AC for 1minute						100V AC for 1minute 500V AC for 1minute
Mechanical performance	Terminal strength		5N for 1minute		3N for 1minute	5N for 1minute		
	Actuator strength	Operating direction	30N	50N	20N	10N	5N	30N
		Pulling direction	30N Static force		10N			40N
Durability	Operating life without load	10,000cycles 45mΩ max.		10,000cycles 40mΩ max.	10,000cycles 100mΩ max.	10,000cycles 45mΩ max.	10,000cycles 200mΩ max.	1,000cycles 60mΩ max.
	Operating life without load Load:as rating	10,000cycles 65mΩ max.		5,000cycles 60mΩ max.	10,000cycles 130mΩ max.	10,000cycles 65mΩ max.		1,000cycles 80mΩ max.
Environmental performance	Cold		-20℃ for 96h					
	Dry heat		85±2℃ for 96h					
	Damp heat		40±2℃, 90~95%RH for 96h					
Soldering	Manual soldering	350±10℃ 3 ⁺¹ ₀ s	350±10℃ 3 ⁺¹ ₀ s	350±10℃ 3s max.		350±10℃ 3 ⁺¹ ₀ s	300±10℃ 2s max.	350±10℃ 3 ⁺¹ ₀ s
	Dip soldering	260±5℃ 5 [±] ₀ s (2回)	260±5℃ 10±1s	260±5℃ 5 [±] ₀ s		260±5℃ 10±1s	260±10℃ 5±1s	260±5℃ 10±1s
	Reflow soldering							
Poles-positions	1-2	●	●	—	●	●	—	●
	1-3	●	●	—	●		—	
	1-4	—						
	2-2	●	●	●	—	●	●	—
	2-3	●	●	●	—	●	●	—
	2-4	—						
	4-2	●	●	●	—			
Page		163	167	171	174	175	178	180

- Slide Switches Soldering Conditions182
 ● Slide Switches Cautions183

Note

※The operating temperature range for automotive applications can be raised upon request. Please contact us for details.