1.5mm-travel, with External Knob Type

SSAC Series



1.5mm-travel horizontal type with external knob.



Features

- Direct exposure of the knob is possible.
- Solderable by automatic dipping.

Applications

- For the switching signals in AV devices, including portable CD players, headphone stereos, and VCRs
- For switching modes of communication devices including FAX machines and cordless telephones

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

Typical Specifications

Items		Specifications			
Rating (max.) / (min.)	(Resistive load)	1mA 5V DC/50μA 3V DC			
Contact resistance (Initial performance/	After lifetime)	100m Ω max./200m Ω max.			
		2-positions	3-positions		
Operating force		2.5±1.5N	a, c → b 2±1.5N b → a, c 2.5±1.5N		
Operating life	Without load	10,000 cycles			
	With load	10,000 cycles (1mA 5V DC)			

Products Line

1 Toddoto Elifo										
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.
1.5 Horizontal 4	4.4	4.4 2	2	Press-in	Non shorting	Manual,	100	SSAC120100	1	
	4.4		3		Not specified	dip	100	SSAC120200	2	

Note

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

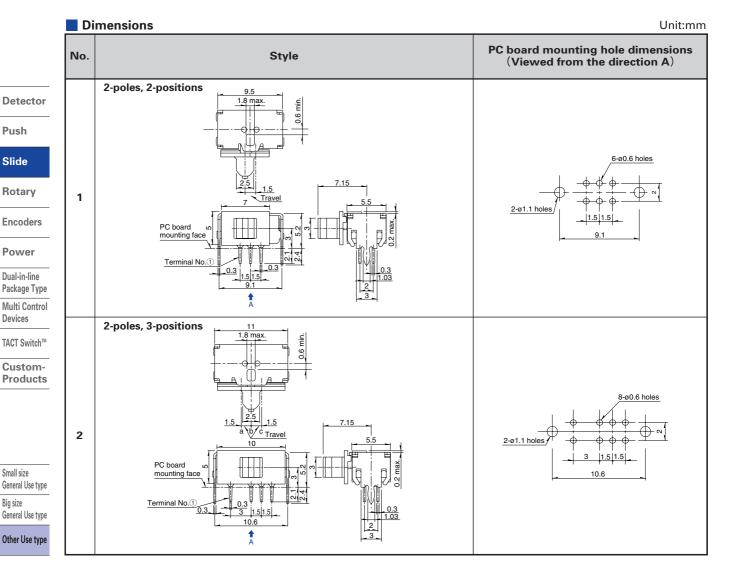
Push

Slide

Devices

Small size

Big size



Circuit Diagram (Viewed from the Direction A) 2-poles, 2-positions 2-poles, 3-positions

146

Products Specifications

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

Items		Series	SSSB	SSAA	SSAC	SSAB	SSST		
Operatin	ng temperat	ure range	–10℃ to +60℃						
Rating (max.) (Resistive load)			0.3A 30V DC	0.3A 30V DC			2V DC		
	Initial contact resistance		20mΩ max.	25mΩ max.	100m Ω max.	30mΩ max.	70mΩ max.		
Electrical performance	Insulation resistance		100MΩ min. 500V DC		100MΩ min. 100V DC	100MΩ min. 500V DC			
	Voltage proof		500V AC for 1 min.		100V AC for 1 min.	500V AC for 1 min.			
	Robustnes	s of terminal	5N for 1 min.			3N for 1 min.			
	Robustness of actuator	Operating direction	50N	4001	5N	30N	20N		
		Pulling direction	30N Static force	10N		40N	10N		
Mechanical performance	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						
porronnanco	Resistance to soldering heat	Manual soldering	350±10℃ 3 ⁺ ¦s		300±10℃ 350±10℃ 2s max. 3 ⁺ ₀ s		350±10℃ 3s max.		
		Dip soldering	260±5℃ 10±1s		260±10℃ 5±1s	260±5℃ 10±1s	260±5℃ 5₋⁰s		
		Reflow soldering	_			Please see P.161			
Durability	Operating life without load		10,000 cycles 40mΩ max.	10,000 cycles 45mΩ max.		1,000 cycles 60mΩ max.	10,000 cycles 100m Ω max.		
	Operating life with load Load : as rating		5,000 cycles 60mΩ max.	10,000 cycles 65mΩ max.	10,000 cycles 200mΩ max.	1,000 cycles 80mΩ max.	10,000 cycles 130mΩ max.		
Environmental performance	Cold		–20±2℃ for 96h						
	Dry heat		85±2℃ for 96h						
	Damp heat		40±2℃, 90 to 95%RH for 96h						