

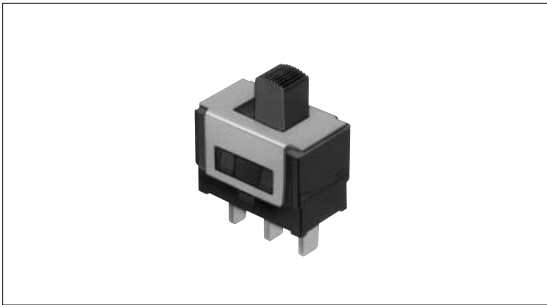
Power Switch Slide Type

SDKT Series



A 2.2mm-travel slide type with soft and light switch feel.

- Detector
- Push
- Slide
- Rotary
- Encoders
- Power**
- Dual-in-line Package Type
- Multi Control Devices
- TACT Switch™
- Custom-Products



Features

- No cadmium used in contacts.
- 2.2mm-travel.
- Smooth sliding feel.
- Complies with direct mounting onto PC board.

Applications

- For power supply switches in air conditioners
- For home electric appliances and switching power supplies

Ratings and Safety Standards

Items	Specifications
Ratings	6A 125V AC

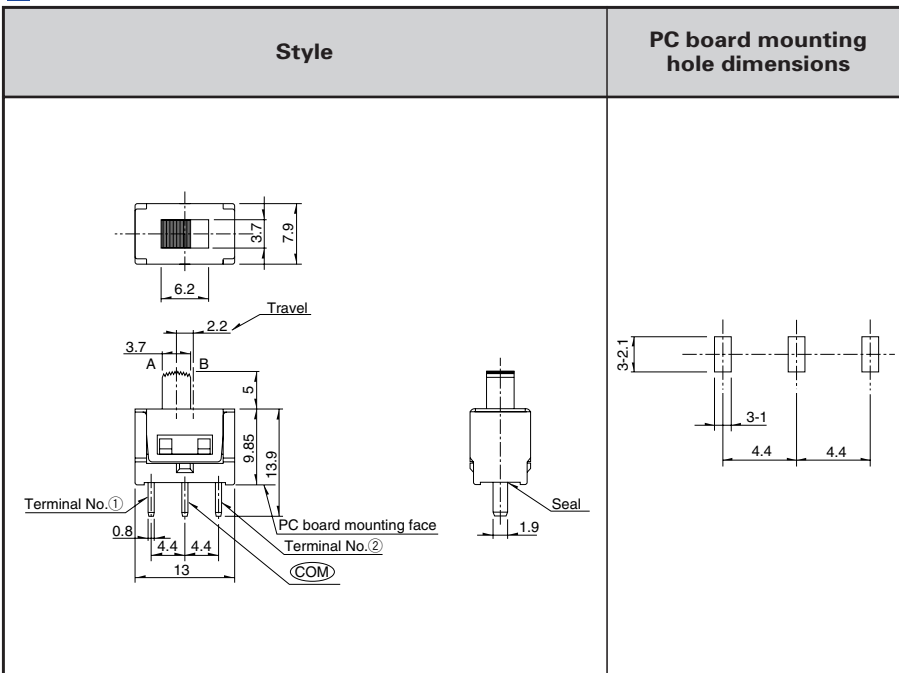
Product Line

Circuit arrangement	Travel (mm)	Operating force	Mounting method	Minimum packing unit (pcs.)	Product No.
SPDT	2.2	0.98 to 3.92N	PC board	100	SDKTA20100

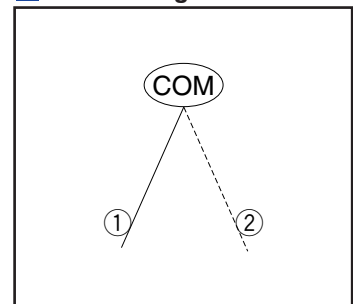
- Push Type
- Rocker Type
- Slide Type**

Dimensions

Unit:mm



Circuit Diagram



Circuit Arrangement

A side	B side
COM-①	COM-②

Refer to P.267 for product specifications.

Product Specifications

Items	Type		Slide			Rotary
	Series		SDKG SDKH	SDKP	SDKT	SDKZ
Operating temperature range		-10°C to +60°C				-10°C to +70°C
Rating		5A 250V AC			6A 125V AC	PS:16(6)A 250V AC,14(6)A 250V AC DC:0.1A 12V AC
Electrical performance	Contact resistance	50mΩ max. (SDKG) 100mΩ max. (SDKH)	100mΩ max.	10mΩ max.	100mΩ max.	1Ω max.
	Insulation resistance	500MΩ min. (SDKG) 100MΩ min. (SDKH) 500V DC	500MΩ min. 500V DC	1,000MΩ min. 500V DC	500MΩ min. 500V DC	100MΩ min. 100V DC
	Voltage proof	2,000V AC for 1minute			1,000V AC for 1minute	2000V AC for 1minute 100V AC for 1minute
Mechanical performance	Terminal strength		10N for 1minute			20N 5N
	Actuator strength	Operating direction	50N		30N	—
		Perpendicular direction	—		10N	30N
	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			5 to 10 Hz/min., the amplitude is 1.5mm for all the frequencies, in the 3 direction of X, Y and Z for 10 hours respectively
	Resistance to soldering heat	Manual soldering	350±10°C, 3±0.5s			350±10°C, 3+ ₀ s
Dip soldering		260±5°C, 10±1s				
Durability	Operating life		100cycles	20,000cycles	10,000cycles 30,000cycles	
			Without load	Load : As ratings		
Environmental performance	Cold	-20±2°C for 96h			-40±2°C for 240h	
	Dry heat	85±2°C for 96h			85±2°C for 240h	
	Damp heat	40±2°C, 90 to 95%RH for 96h			40±2°C, 90 to 95%RH for 240h	

Detector

Push

Slide

Rotary

Encoders

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Dual-in-line
Package Type

Multi Control
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TACT Switch™

Custom-
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