

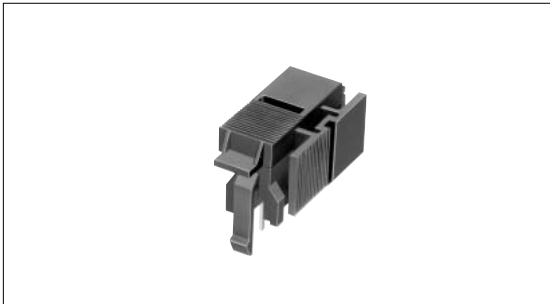
Power Switch

5A 250V AC Qualified Primary Input Voltage Selection Type

SDKH Series



For exclusive use in primary input voltage selection with a 2-piece structure contributing to reducing the size.



Product Line

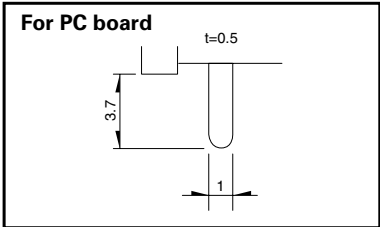
Circuit arrangement	Rating	Travel (mm)	Operating force	Mounting method	Terminal configuration	Minimum order unit (pcs.)	Product No.	Drawing No.
SPDT	5A 250V AC	6	2 to 15N	Snap-in	For PC board	2,000	SDKHA20100	1

Dimensions

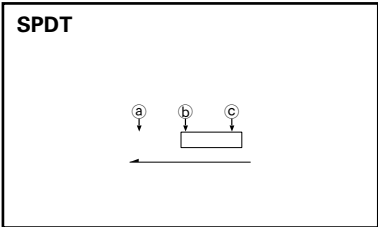
Unit:mm

Style	PC board mounting hole dimensions
For PC board (SPDT)	

Terminal Configuration Unit:mm



Circuit Diagram



Notes

1. Safety standard approval must be obtained as a set.
2. Please place purchase orders per minimum order unit(integer).

Detector

Push

Slide

Rotary

Encoders

Power

Dual-in-line
Package Type

TACT Switch™

Custom-
Products

Push
Type

Rocker
Type

Slide
Type

Rotary
Type

List of Varieties

Items		Type	Slide				Rotary
		Series	SDKG	SDKH	SDKP	SDKT	SDKZ
Photo							
Travel (mm)		6				2.2	Full rotation
Remark							With signal circuit
Operating temperature range		-10℃ to +60℃					-10℃ to +70℃
Rating		5A 250V AC				6A 125V AC	PS:16(6)A 250V AC,14(6)A 250V AC DC:0.1A 12V DC
Electrical performance	Contact resistance	50mΩ max.	100mΩ max.		10mΩ max.	100mΩ max.	
					1Ω max.		
	Insulation resistance	500MΩ min. 500V DC	100MΩ min. 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	2,000V 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
	Resistance to soldering heat	Manual soldering	350±10℃, 3±0.5s				350±10℃, 3 ⁺¹ s
		Dip soldering	260±5℃, 10±1s				
Durability	Operating life		100cycles		20,000cycles	10,000cycles 30,000cycles	
			Without load		Load : As ratings		
Environmental performance	Cold		-20±2℃ for 96h				-40±2℃ for 240h
	Dry heat		85±2℃ for 96h				85±2℃ for 240h
	Damp heat		40±2℃, 90 to 95%RH for 96h				40±2℃, 90 to 95%RH for 240h
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