

Power Switch 5A 250V AC Qualified Primary Input Voltage Selection Type SDKG Series



Primary voltage changeover switch type with a wide variety of mounting



Detector

Push

Slide

Rotary

Encoders

Power

Dual-in-line
Package Type

TACT Switch™

**Custom-
Products**

Product Line

Circuit arrangement	Rating	Travel (mm)	Operating force	Mounting method	Terminal configuration	Turn stopper	Marking variety	Minimum order unit(pcs.)	Product No.	Drawing No.
DPDT	5A 250V AC	6	10 \pm $\frac{10}{5}$ N	3.2 hole	Lead	Without	With index	1,000	SDKGA41700	1
				Self-tap (For M2.6)	For PC board	With			SDKGA42200	2

Note

Please place purchase orders per minimum order unit(integer).

Push
Type

**Rocker
Type**

Slide
Type

Rotary
Type

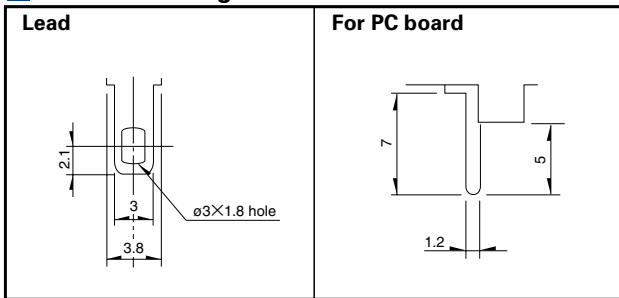
Dimensions

Unit:mm

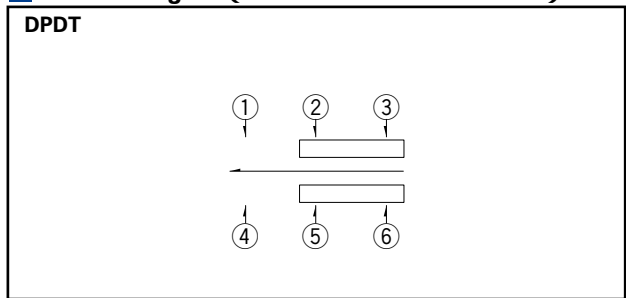
No.	Style
1	<p>$\phi 3.2$ hole(Mounting part)</p>
2	<p>Self-tap hole(Mounting part)</p>

Terminal Configuration

Unit:mm



Circuit Diagram(Viewed from Direction A)








Marking Variety



- 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
Detector	Photo						
Push	Travel (mm)		6			2.2	Full rotation
Slide	Remark						With signal circuit
Rotary	Operating temperature range		-10 to +60				-10 to +70
Encoders	Rating		5A 250V AC			6A 125V AC	PS:16(6)A 250V AC, 14(6)A 250V AC DC:0.1A 12V DC
Power	Electrical performance	Contact resistance	50m max.	100m max.		10m max.	100m max. 1 max.
Dual-in-line Package Type		Insulation resistance	500M min. 500V DC	100M min. 500V DC	500M min. 500V DC	1,000M min. 500V DC	500M min. 500V DC 100M min. 100V DC
TACT Switch™		Voltage proof	2,000V AC for 1minute			1,000V AC for 1minute	2,000V AC for 1minute 100V AC for 1minute
Custom-Products	Mechanical performance	Terminal strength	10N for 1minute				20N 5N
Push Type		Actuator strength	Operating direction	50N		30N	—
Rocker Type			Perpendicular direction			10N	30N
Slide Type		Resistance to soldering heat	Manual soldering	350 ± 10 , 3 ± 0.5s			350 ± 10 , 3 ± 0.5s
Rotary Type	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	
	Page		227	229	230	231	232