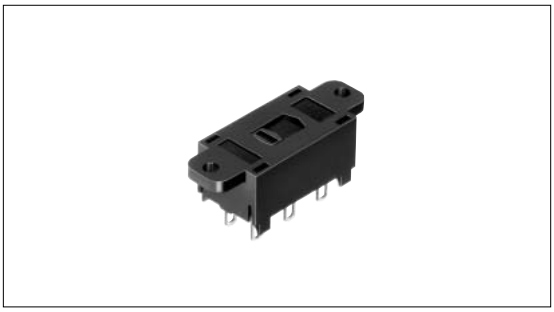
Power Switch

5A 250V AC Qualified Primary Input Voltage Selection Type

SDKG Series

RoHS compliant

Primary voltage changeover switch type with a wide variety of mounting



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^{+10}_{-5} N	ϕ3.2 hole	Lead	Without	With index	1,000	SDKGA41700	1
				Self-tap (For M2.6)	For PC board	With			SDKGA42200	2

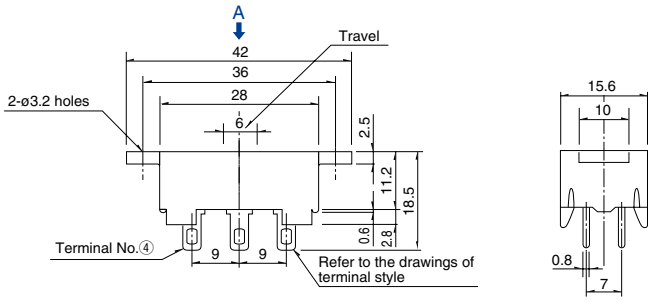
Note

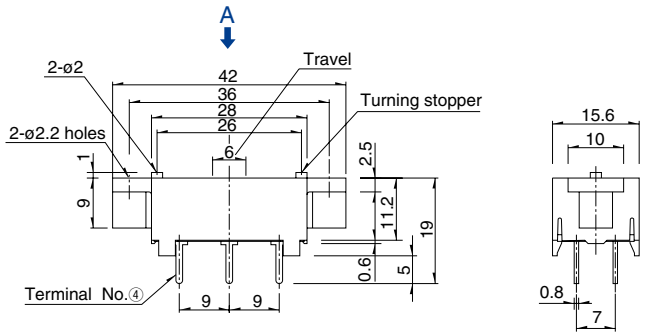
Please place purchase orders per minimum order unit(integer).

Dimensions

Unit:mm

No.	Style
1	ϕ3.2 hole (Mounting part)
2	Self-tap hole (Mounting part)

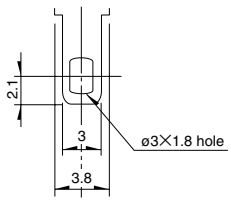




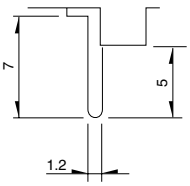
Terminal Configuration

Unit:mm

Lead

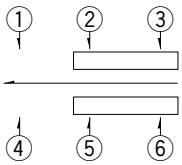


For PC board



Circuit Diagram (Viewed from Direction A)

DPDT



Marking Variety

With index



List of Varieties

Items \ Type / 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.
Electrical performance	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
Electrical performance	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
Mechanical performance	Actuator strength	Operating direction	50N			30N	—
Mechanical performance	Actuator strength	Perpendicular direction	—			10N	30N
Mechanical performance	Resistance to soldering heat	Manual soldering	350±10℃, 3±0.5s				350±10℃, 3^{+1}_{0}s
Mechanical performance	Resistance to soldering heat	Dip soldering	260±5℃, 10±1s				
Durability	Operating life		100cycles			20,000cycles	10,000cycles 30,000cycles
Durability	Operating life		Without load			Load : As ratings	
Environmental performance	Cold		–20±2℃ for 96h				–40±2℃ for 240h
Environmental performance	Dry heat		85±2℃ for 96h				85±2℃ for 240h
Environmental performance	Damp heat		40±2℃, 90 to 95%RH for 96h				40±2℃, 90 to 95%RH for 96h
Page			227	229	230	231	232