Typical Specifications

Initial contact resistance

Protective structure *

Items

Compact type with height of 0.6mm contributing to thinner product designs

Rating (max.)

Rating (min.)

Travel (mm)



Specifications

50mA 12V DC

 $10\mu A 1V DC$

500mΩ max.

0.13

IP67 equivalent IP68 equivalent (SKSWDAE010)

Product Line

Product No.	Operating force	Operating direction	Operating life	Minimum ord	Drawing	
TTOUGET NO.		Operating direction	(5mA 5V DC)	Japan	Export	No.
SKSWCEE010	1.8N		300,000 cycles			
SKSWCFE010	2.4N	Top push	500,000 cycles	20,000	20,000	1
SKSWCGE010	3.3N		300,000 cycles			
SKSWDAE010	2.4N		300,000 Cycles			2

Packing Specifications

Taping

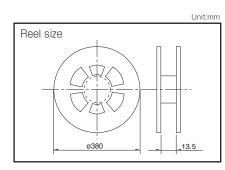
Numbe	Tape width	Export package		
1 reel	1 case / Japan	1 case / export packing	(mm)	measurements (mm)
20,000	200,000	200,000	12	395×395×205

Note

For reels of 330mm diameter, please inquire.

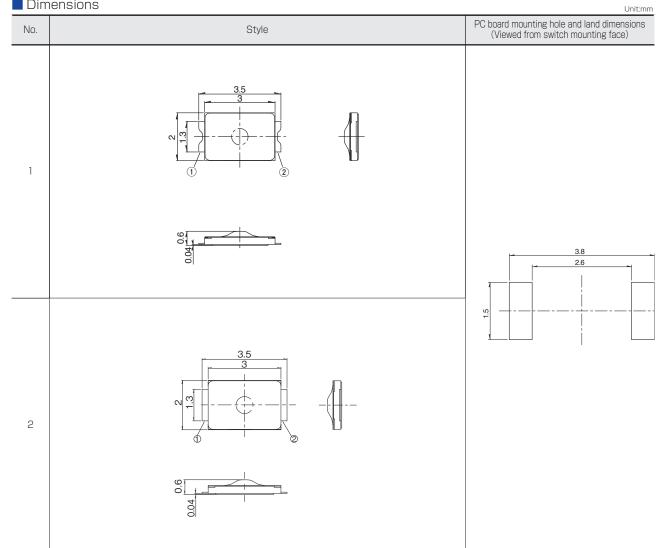
* Assumes the switch is left alone without being operated. Under the specified conditions, dust and water ingress with a significant impact on the switch's on-off function is prevented.

IP67 dust and water resistance is guaranteed for the switch alone and performance may not be guaranteed depending on the mounting conditions and usage.

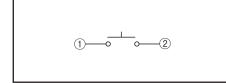


3×2 mm Compact Type with Projection (Surface Mount Type) SKSW

Dimensions



Circuit Diagram



Radial Type

	Туре					arp Feeling T Burface Moun				
Series		SKSD	SKRN	SKTA	SKSV	SKSW	SKSF	SKSM	SKTK	SKSG
Photo		A.C.M	\diamond	NEW			۲	٩	NEW	
	Features	Double	action			Compact size Low-profile	9		Long life	High operat force Compact si
	Water-proof		_	•	•	•	_	•	•	
	Dust-proof	_	_	•	•	•	_	•	•	_
	IP standard	_	_	67 equivalency	67 equivalency	67 equivalency 68 equivalent in some cases	_	67 equivalency	67 equivalency	-
Operatir	Top push	•	•	•	•	•	•	•	•	•
directic			_	_	_	_	_	_	_	_
	W	4.1		2.6	2.8	3	2.8	3.4	5.9	3
Dimensio (mm)	ons D	3.9	□6	1.6	1.9	2	2.4	2.9	4	2.7
()	Н	0.6	0.9	0.53	0.55	0.6	0.65	0.7	0.78	1.4
Operatio force coverag	2N to 3N	for respect	evant pages ive product iptions	\$	Ţ		\$	\$	¢	1 L
Travel (mm)			ant pages for uct descriptions	0.11	0.12	0.13	().1	0.25	0.12
Ground terminal		•	•			_		_		0
Operatir	ng temperature range	-40℃ t	o +90°C		1	_	30°C to +8!	5°C		1
Automotive use		_	_	_	_	_	_	_	_	
Life Cycle		* 2						2		*2
	Rating (max.) (Resistive load)	50mA 12V DC								
Electrical	Rating (min.) (Resistive load)		10µA 1V DC							
erformance	Insulation resistance								1Ω min. DC 1min.	
	Voltage proof	100V AC 1min.								
Durability	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				ies,					
Jurability	Lifetime	Shall be in accordance with individual specifications.								
	Cold	-40°C 96h								
Environmental Dry heat		90°C 96h								
Damp heat					60°C,	90 to 95%R	H 96h	1		
	Page	219	220	221	222	223	225	226	227	228
						D : Depth. 1	The most out	er dimension e er dimension i n dimension if	excluding terr	minal portic

Notes

1. The automotive operating temperature range to be individually discussed upon request.

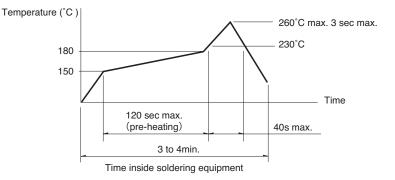
2. • Indicates applicability to all products in the series, while \bigcirc indicates applicability to some products in the series.

TACT Switch[™]

Condition for Reflow

Available for Surface Mount Type.

- 1. Temperature measurement: Thermocouple ϕ 0.1 to 0.2 CA (K) or CC (T) at solder joints (copper foil surface). A heat resistive tape should be used to fix thermocouple.
- 2. Temperature profile
- 2. Temperature prome



Notes

- The above temperature shall be measured of the top of switch. There are cases where the PC board's temperature greatly differs from that of the switch, depending on the material, size, thickness of PC boards and others. The above-stated conditions shall also apply to switch surface temperatures.
- I ne above-stated conditions shall also apply to switch surface tempera
- Soldering conditions differ depending on reflow soldering machines. Prior verification of soldering condition is highly recommended.

Conditions for Auto-dip

Available for Snap-in Type and Radial Type.

Items	Condition
Flux built-up	Mounting surface should not be exposed to flux
Preheating temperature	Ambient temperature of the soldered surface of PC board. 100°C max.
Preheating time	60s max.
Soldering temperature	260°C max.
Duration of immersion	5s max.
Number of soldering	2times max.

SKHH, SKPD Series

Items	Condition
Flux built-up	Mounting surface should not be exposed to flux
Preheating temperature	Ambient temperature of the soldered surface of PC board. 110°C max.
Preheating time	60s max.
Soldering temperature	260°C max.
Duration of immersion	5s max.
Number of soldering	2times max.

SKQJ, SKQK, SKEG Series

Items	Condition
Flux built-up	Mounting surface should not be exposed to flux
Preheating temperature	Ambient temperature of the soldered surface of PC board. 100°C max.
Preheating time	45s max.
Soldering temperature	255°C max.
Duration of immersion	5s max.
Number of soldering	2times max.

Notes

1. Prevent flux penetration from the top side of the TACT Switch[™].

- 2. Switch terminals and a PC board should not be coated with flux prior to soldering.
- 3. The second soldering should be done after the switch is stable with normal temperature.
- 4. Use the flux with a specific gravity of min 0.81.
- (EC-19S-8 by TAMURA Corporation, or equivalents.)

Manual Soldering

	<u> </u>
Items	Condition
Soldering temperature	350°C max.
Duration of soldering	Зs max.
Capacity of soldering iron	60W max.

SKHH, SKHW, SKRG, SKPD Series

Items	Condition
Soldering temperature	360°C max.
Duration of soldering	Зs max.
Capacity of soldering iron	60W max.

SKTD, SKTG, SKQJ, SKQK, SKEG Series

Items	Condition
Soldering temperature	350°C max.
Duration of soldering	Зs max.
Capacity of soldering iron	20W max.



单击下面可查看定价,库存,交付和生命周期等信息

>>ALPS Electric(阿尔卑斯)