

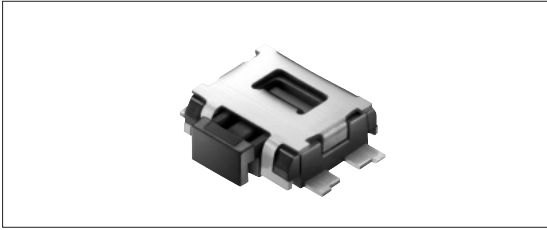
# TACT Switch™ 1.25mm Height Low-profile Sidepush™ (Surface Mount Type)

SKSC Series



Combination of excellent solder strength & size merit (3.5×3.55mm with height of 1.25mm).

- Detector
- Push
- Slide
- Rotary



- Encoders
- Power
- Dual-in-line Package Type
- TACT Switch™**
- Custom-Products

## Product Line

### Horizontal type

Product No.	Operating force	Operating direction	Travel (mm)	Rating (max.)	Rating (min.)	Operating life (5mA 5V DC)	Initial contact resistance	Variety	Minimum order unit (pcs.)
SKSCLCE010	1.6N	Horizontal	0.2	50mA 12V DC	10μA 1V DC	100,000cycles	100mΩ max.	Without guide bosses	5,000
SKSCLAE010	2.2N							With guide bosses	
SKSCLDE010	1.6N							With guide bosses	
SKSCLBE010	2.2N							With guide bosses	

### With Ground Terminal type

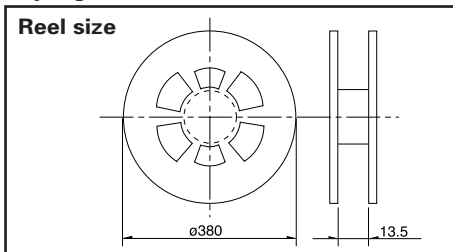
Product No.	Operating force	Operating direction	Travel (mm)	Rating (max.)	Rating (min.)	Operating life (5mA 5V DC)	Initial contact resistance	Variety	Minimum order unit (pcs.)
SKSCPCE010	1.6N	Horizontal	0.2	50mA 12V DC	10μA 1V DC	100,000cycles	100mΩ max.	Without guide bosses	5,000
SKSCP AE010	2.2N							With guide bosses	
SKSCP DE010	1.6N							With guide bosses	
SKSCP BE010	2.2N							With guide bosses	

- Sharp Feeling
- Soft Feeling
- Snap-in Type
- Surface Mount Type
- Radial Type

## Packing Specifications

### Taping

Unit:mm



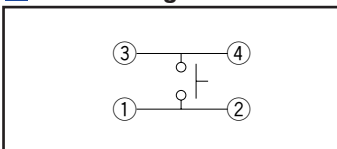
Number of packages (pcs.)			Tape width (mm)	Export package measurements (mm)
1 reel	1 case /Japan	1 case /export packing		
5,000	50,000	50,000	12	401×401×214

## Dimensions

Unit:mm

Style	PC board mounting hole and land dimensions (Viewed from switch mounting face)

## Circuit Diagram



## Notes

1. For φ 330mm diameter reel requirements, please contact us.
2. Please place purchase orders per minimum order unit N (integer).

## List of Varieties

### Sharp Feeling Type

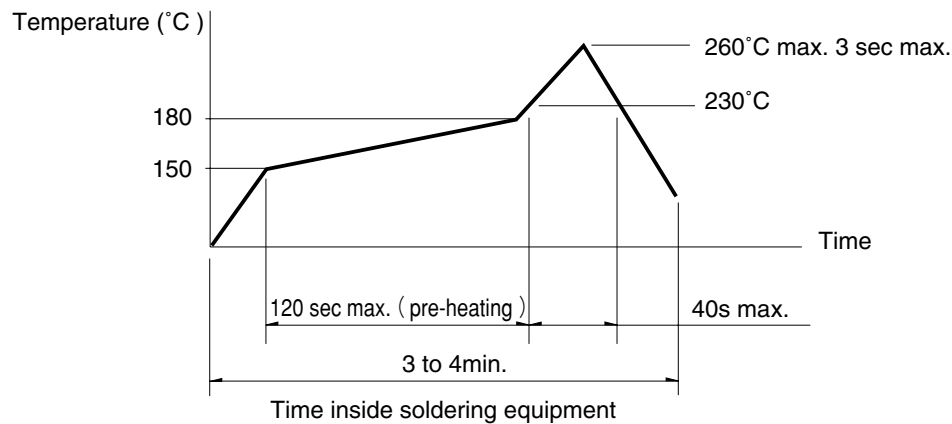
Series	SKHU	SKSC	SKRE	SKRT	SKRV	SKRH	SKQU	SKRG	SKQK	SKQN	SKRC
Detector											
Push											
Slide											
Rotary											
Encoders											
Power											
Dual-in-line Package Type											
TACT Switch™											
Custom-Products											

## Soldering Conditions

### Condition for Reflow

Available for Surface Mount Type.

1. Heating method: Double heating method with infrared heater.
2. Temperature measurement: Thermocouple 0.1 to 0.2  $\phi$  CA (K) or CC (T) at solder joints (copper foil surface). A heat resistive tape should be used to fix thermocouple.
3. Temperature profile



### Notes

1. 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.
2. 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  
(Except SKHJ, SKHL, 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	60s max.
Soldering temperature	260°C max.
Duration of immersion	5s max.
Number of soldering	2times max.

### Notes

1. Consult with us for availability of TACT Switch™ washing.
2. Prevent flux penetration from the top side of the TACT Switch™.
3. Switch terminals and a PC board should not be coated with flux prior to soldering.
4. The second soldering should be done after the switch is stable with normal temperature.
5. Use the flux with a specific gravity of min 0.81.  
(EC-19S-8 by TAMURA Corporation, or equivalents.)

### Manual Soldering (Except SKRT Series)

Items	Condition
Soldering temperature	350°C max.
Duration of soldering	3s max.
Capacity of soldering iron	60W max.

Detector

Push

Slide

Rotary

Encoders

Power

Dual-in-line  
Package Type

TACT Switch™

Custom-  
ProductsSharp  
FeelingSoft  
FeelingSnap-in  
TypeSurface  
Mount TypeRadial  
Type