

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



■ Typical Specifications

Items	Specifications
Rating (max.)	50mA 12V DC
Rating (min.)	10μA 1V DC
Initial contact resistance	100mΩ max.
Travel (mm)	0.2

■ Product Line

Side push type

Product No.	Operating force	Operating direction	Operating life (5mA 5V DC)	Guide bosses	Minimum order unit (pcs.)			
					Japan	Export		
SKSCLCE010	1.6N	Side push	100,000 cycles	Without	5,000	5,000		
SKSCLAE010	2.2N							
SKSCLDE010	1.6N			With				
SKSCLBE010	2.2N							

With ground terminal type

Product No.	Operating force	Operating direction	Operating life (5mA 5V DC)	Guide bosses	Minimum order unit (pcs.)			
					Japan	Export		
SKSCPCE010	1.6N	Side push	100,000 cycles	Without	5,000	5,000		
SKSCPCE010	2.2N							
SKSCPDE010	1.6N			With				
SKSCPBE010	2.2N							

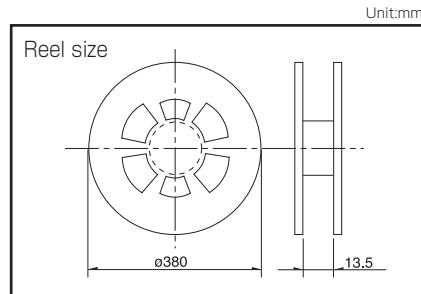
■ Packing Specifications

Taping

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	395×395×205

Note

For reels of 330mm diameter, please inquire.

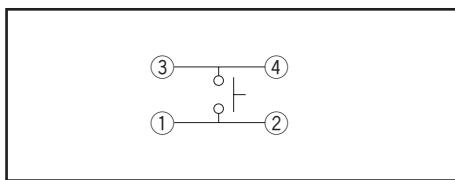


Refer to P.265 for soldering conditions.

■ Dimensions

Style	PC board mounting hole and land dimensions (Viewed from switch mounting face)
<p>Push Position</p> <p>Parts indicated by ※ apply only to products with a ground terminal.</p>	<p style="text-align: right;">Unit:mm</p> <p>Ground terminal land ※No solder shall be applied.</p> <p>Ground terminal land pattern is applicable to ground terminal type only.</p>

■ Circuit Diagram



W : Width. The most outer dimension excluding terminal portion.
D : Depth. The most outer dimension excluding terminal portion.
H : Height. The minimum dimension if there are variances.

TACT Switch™ Soldering Conditions	265
TACT Switch™ Cautions	266

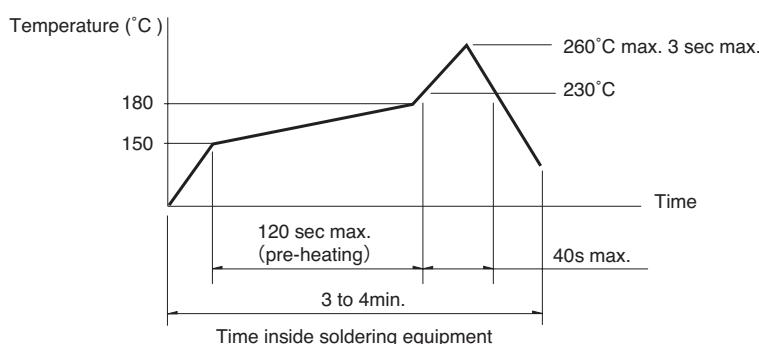
Notes

1. The automotive operating temperature range to be individually discussed upon request.
2. ● Indicates applicability to all products in the series, while ○ indicates applicability to some products in the series.

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



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.

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

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

SKHH, SKHW, SKRG, SKPD Series

Items	Condition
Soldering temperature	360°C max.
Duration of soldering	3s max.
Capacity of soldering iron	60W max.

SKTD, SKTG, SKQJ, SKQK, SKEG Series

Items	Condition
Soldering temperature	350°C max.
Duration of soldering	3s max.
Capacity of soldering iron	20W max.

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ALPS:

[SKSCPBE010](#) [SKSCLBE010](#) [SKSCLDE010](#) [SKSCPCE010](#) [SKSCPDE010](#) [SKSCLCE010](#) [SKSCPAE010](#)
[SKSCLAE010](#)