

TACT Switch™ 4.5×3.55mm Sidepush™ (Surface Mount Type)

SKRT Series



Horizontal push with high solder strength & tactile feeling.

- Detector
- Push
- Slide
- Rotary
- Encoders
- Power



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

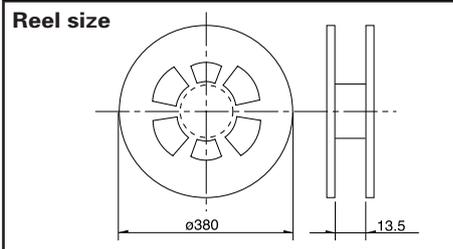
Product Line

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.)
SKRTLAE010	1.6N	Horizontal	0.2	50mA 12V DC	10μ A 1V DC	100,000cycles	500m Ω max.	With guide bosses	3,000
SKRTLBE010								Without guide bosses	

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		
3,000	30,000	30,000	12	401×401×214

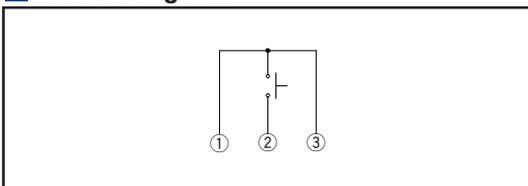
- Sharp Feeling
- Soft Feeling
- Snap-in Type
- Surface Mount Type
- Radial Type

Dimensions

Unit:mm

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

Circuit Diagram



Notes

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

List of Varieties

Sharp Feeling Type

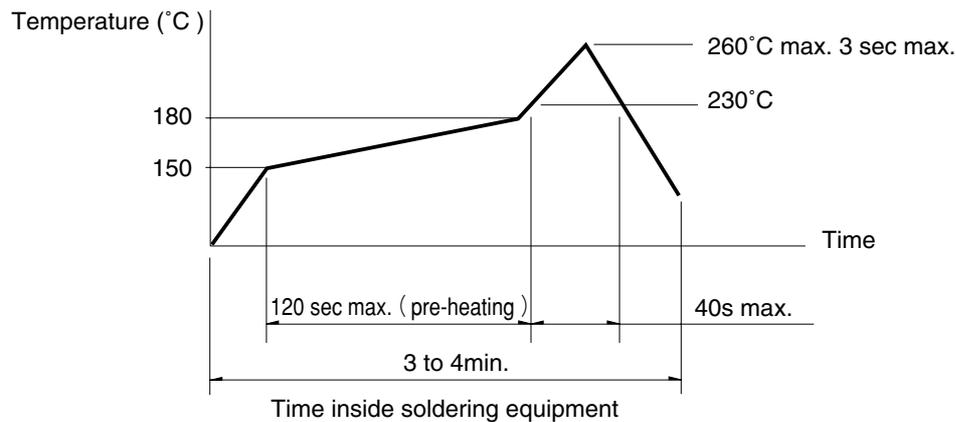
Series	SKHU	SKSC	SKRE	SKRT	SKRV	SKRH	SKQU	SKRG	SKQK	SKQN	SKRC
Detector											
Push											
Slide											
Rotary											
Encoders											
Power											
Dual-in-line Package Type											
TACT Switch™											
Custom-Products											

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 ϕ 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