Million-cycle long-life type realizing pleasant, reliable operation

Typical Specifications



Items	Specifications
Rating (max.)	50mA 12V DC
Rating (min.)	10µA 1V DC
Initial contact resistance	500mΩ max.
Travel (mm)	0.23
Protective structure %	IP67 equivalent

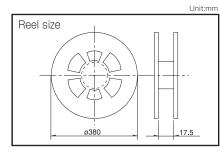
Product Line

Product No.	Product No. Operating force Operating		Operating life	Minimum order unit (pcs.)		
TTOUGET NO.	Operating force	Operating direction	(5mA 5V DC)	Japan	Export	
SKTKABE010	2.5N	Top push	1,000,000 cycles	10,000	10,000	

Packing Specifications

Taping

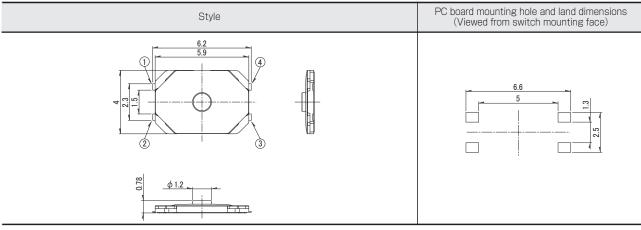
Number of packages (pcs.)			Tape width	Export package
1 reel	1 case / Japan	1 case / export packing	(mm)	measurements (mm)
10,000	80,000	80,000	16	395×395×205



Note

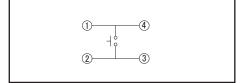
For reels of 330mm diameter, please inquire.

Dimensions



ILPS/LPINE

Circuit Diagram



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

Unit:mm

	Туре				Sharp Feeling Typ Surface Mount			
	Series	SKSD	SKRN	SKTA	SKSV	SKSW	SKTK	SKSG
			-	-			-	
	Photo	and the second s	\bigcirc	D	٢		\odot	
	Features	Double	e action		Compact size Low-profile		Long life	High operatio force Compact size
	Water-proof	_	_	•	•	•	•	_
	Dustproof	_	_	•	•	•	•	—
	IP standard	_	_	67 equivalent	67 equivalent	67 equivalent 68 equivalent in some cases	67 equivalent	—
Operatir	Top push	•	•	•	•	•	•	٠
directio		_	_	_	_	_	_	_
	W	4.1		2.6	2.8	3	5.9	3
Dimensic (mm)	ons D	3.9	- 🗆 6	1.6	1.9	2	4	2.7
()	Н	0.6	0.9	0.53	0.5	0.6	0.78	1.4
Operatio force coverag	2N to 3N	for respec	evant pages tive product iptions	¢	1	1	¢	ţ
	Travel (mm)		vant pages for duct descriptions	0.11	0.12	See the relevant pages for respective product descriptions	0.25	0.12
G	round terminal	•	•	_	_		_	0
Operatin	g temperature range	-40°C	to +90℃		-30°C 1	to +85℃		-40°C to +8
A	utomotive use	_	-	_	_	_	_	٠
	Life Cycle			**3	**3		2	
	Rating (max.) (Resistive load)		1	1	50mA 12V DC	;		
Electrical	Rating (min.) (Resistive load)				10µA 1V DC			
erformance	Insulation resistance			1001	1Ω min. 100V DC	C 1min.		
	Voltage proof	100V AC 1min.	250V AC 1min.			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						
sarability	Lifetime		S	Shall be in accord	ance with individ	dual specifications	3.	
	Cold	-40°C 96h						
nvironmental erformance	Dry heat	90°C 96h						
	Damp heat	60°C, 90 to 95%RH 96h						
	Page	195	196	197	198	199	201	202
					D : Depth. Th	ne most outer dime ne most outer dime he minimum dimen	nsion excluding	terminal porti

Notes

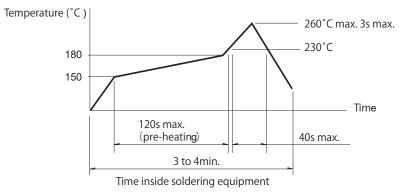
1. The automotive operating temperature range to be individually discussed upon request.

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

TACT SwitchTM



Condition for Reflow Available for Surface Mount Type. Temperature profile



Notes

1. Please confirm the specifications of our product for the detailed condition.

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℃ max.
Duration of immersion	5s max.
Number of soldering	2times max.

SKHH Series

ltems	Condition
Flux built-up	Mounting surface should not be exposed to flux
Preheating temperature	Ambient temperature of the soldered surface of PC board. 110 $^\circ\!\mathrm{C}$ max.
Preheating time	60s max.
Soldering temperature	260°C max.
Duration of immersion	5s max.
Number of soldering	2times max.

SKHL Top Push Type, SKQJ 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℃ max.
Duration of immersion	5s max.
Number of soldering	2times max.

Notes

1. Prevent flux penetration from the top side of the TACT SwitchTM.

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-195-8 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 Series

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

SKTD, SKTG, SKQJ, SKSN Series

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