

Snap-in Type TACT Switch(TM) > SKHC Series > SKHCBEA010

Series Common Info

12mm Square Type (Snap-in) SKHC Series

| Photo Stem color : Black | Dimensions | Mounting Hole Dimensions | Circuit Diagram |
| Packing Specifications | Soldering Conditions | Products Line of Knob |

PRINT

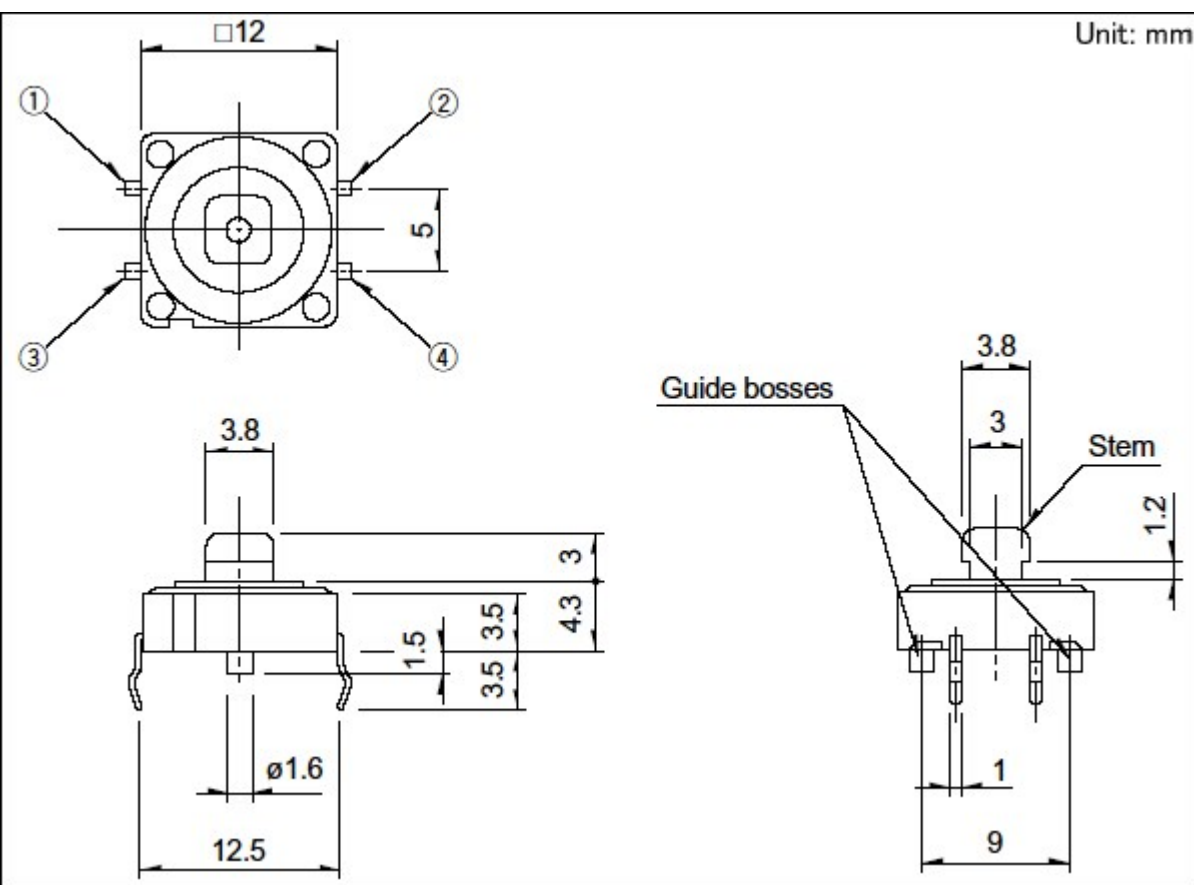
Part number		SKHCBEA010
Type	Snap-in	
Operating force	1.27N	
Operating direction	Top push	
Travel	0.3mm	
Operating life (5mA 5V DC)	1,000,000 cycles	
Initial contact resistance	100mΩ max.	
Stem color	Black	
Stem	Joint stem	
Series type	Sharp feeling type	
Operating temperature range	-40℃ to +85℃	
Rating (max.)	50mA 12V DC	
Rating (min.)	10μA 1V DC	
Electrical performance	Insulation resistance	100MΩ min. 100V DC for 1min.
	Voltage proof	250V AC for 1 min.
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
Environmental performance	Cold	-40±2℃ for 96h
	Dry heat	90±2℃ for 96h
	Damp heat	60±2℃, 90 to 95%RH for 96h
Minimum order unit (pcs.)	Japan	1,000
	Export	1,000



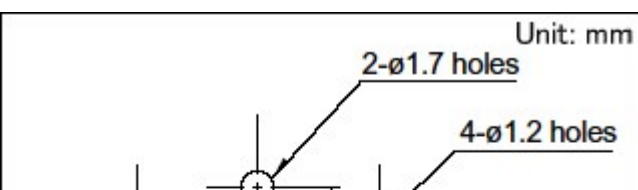
Photo Stem color : Black

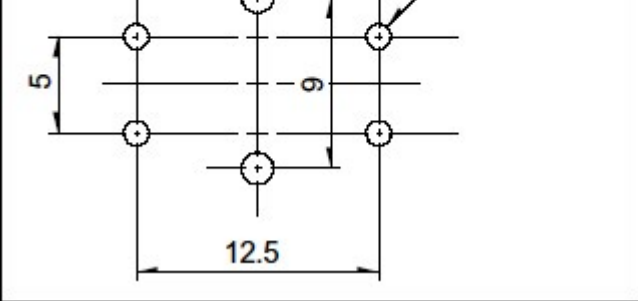


Dimensions

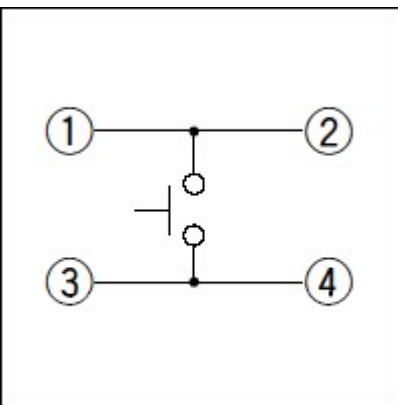


Mounting Hole Dimensions





Circuit Diagram



Packing Specifications

Bulk

Number of packages (pcs.)	1 case / Japan	5,000
	1 case / export packing	15,000
Export package measurements (mm)		309×476×347

Soldering Conditions

Conditions for Auto-dip

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	2 times max.

Manual Soldering

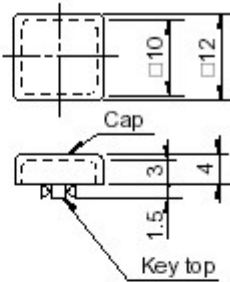
Items	Condition
-------	-----------

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

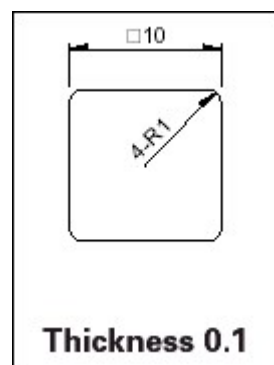
1. Consult with us for availability of TACT switch™ washing.
2. Prevent flux penetration from the top side of the TACT switch™.
3. Switch terminals and a PC board should not be coated with flux prior to soldering.
4. The second soldering should be done after the switch returns to normal temperature.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

Products Line of Knob

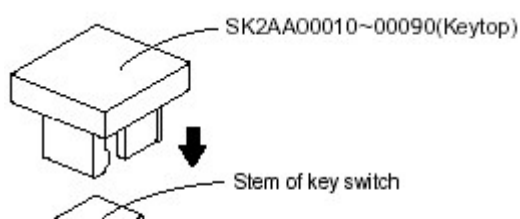
Dimensions (Unit: mm)

			
		Cap	
Clear	SK2AA00510		
		Keytop	Keytop + Cap
Red	SK2AA00010	SK2AA00060	
Blue	SK2AA00020	SK2AA00070	
Ivory	SK2AA00030	SK2AA00080	
Black	SK2AA00040	SK2AA00090	

Label dimensions (Unit: mm)



1. The knob will be delivered together with the switch but packed separately.
2. The label is not included.
3. For SK2AA00010 to SK2AA00090 type, check its mounting direction.





Notes are common to this series/models.

1. This site catalog shows only outline specifications. When using the products, please obtain formal specifications for supply.
2. Please use 1.6mm thick PC boards.
3. Please place purchase orders per minimum order unit (integer).
4. Please contact us for automotive use products.

Inquiries about Products

 **Inquiry**