

## 12mm Square Long-life Type (Snap-in) SKQE Series

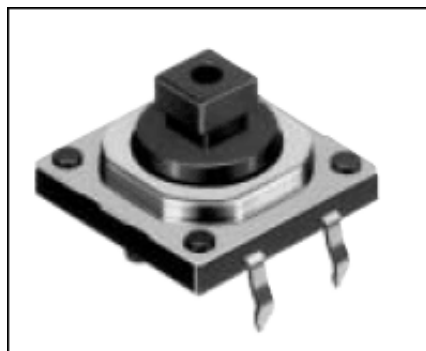
Part number	<b>SKQEAAA010</b>	
Type	Snap-in	
Operating force	1.57N	
Operating direction	Top push	
Travel	0.3mm	
Operating life (5mA 5V DC)	10,000,000 cycles	
Initial contact resistance	100mΩ max.	
Stem color	Dark gray	
Stem	Joint stem	
Series type	Sharp feeling type	
Operating temperature range	-40℃ to +90℃	
Rating (max.)	50mA 12V DC	
Rating (min.)	10μA 1V DC	
Electrical performance	Insulation resistance	100MΩmin. 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

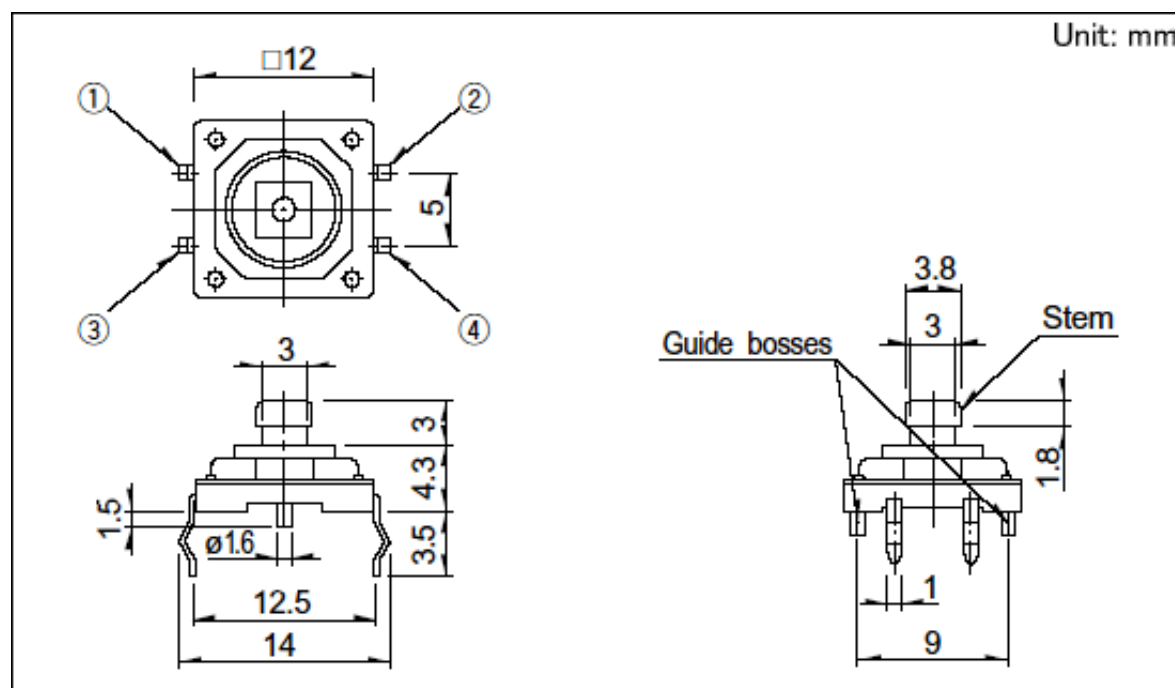
60±2℃, 90 to 95%RH for 96h

Minimum order unit (pcs.)	Japan	1,000
	Export	1,000

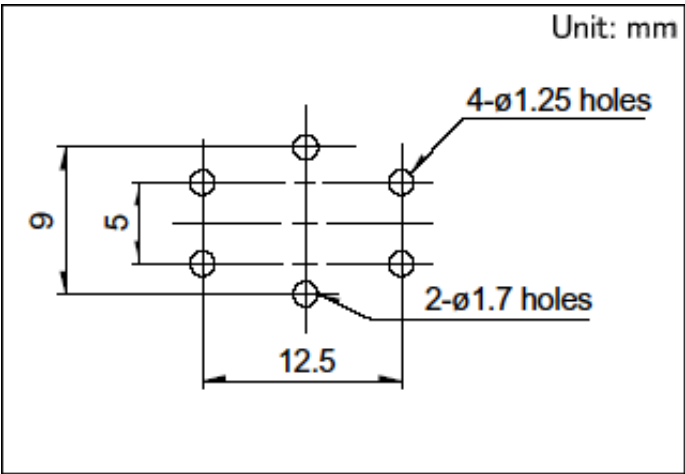
Photo Stem color : Dark gray



Dimensions

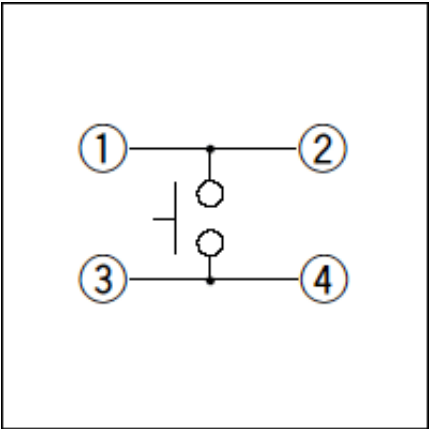


Mounting Hole Dimensions



Viewed from mounting face.

## Circuit Diagram



## Packing Specifications

### Bulk

Number of packages (pcs.)	1 case / Japan	4,000
	1 case / export packing	12,000
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℃ max.

Preheating time	60s max.
Soldering temperature	260℃ max.
Duration of immersion	5s max.
Number of soldering	2 times max.


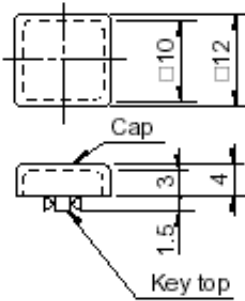
### Manual Soldering

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

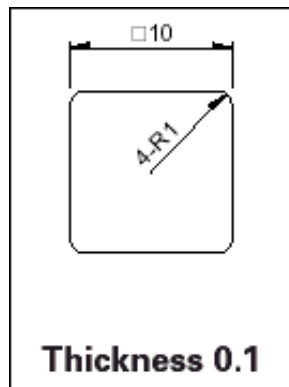
1. Consult with us for availability of TACT switch™ washing.
2. Prevent flux penetration from the top side of the TACT switch™.
3. Switch terminals and a PC board should not be coated with flux prior to soldering.
4. The second soldering should be done after the switch returns to normal temperature.
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

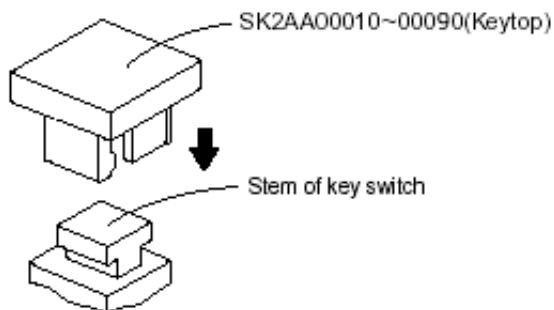
Dimensions (Unit: mm)

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

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.