

Certificate of Compliance to RoHS regulations

ALPS Manufacturer of Electronic Components/Parts Catalog

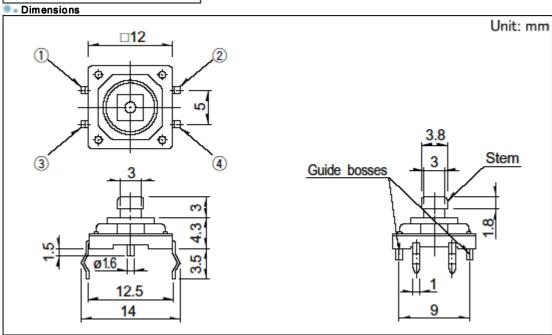
12mm Square Long-life Type (Snap-in) SKQE Series

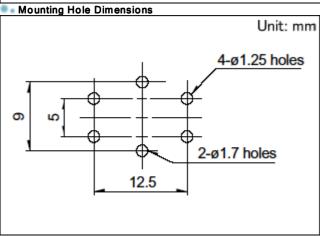
Detail

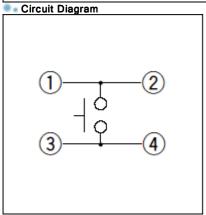
Part number		SKQEACA010
Type		Span in
Type		Snap-in
Operating force		2.55N
Operating direction		Vertical
Travel		0.3mm
Operating life (5mA 5V DC)		10,000,000 cycles
Initial contact resistance		100m $Ω$ max.
Stem color		Red
Stem		Joint stem
Minimum order unit (pcs.)		1,000
Series type		Sharp feeling type
Operating temperature range		-30°C to +85°C
Rating (max.)		50mA 12V DC
Rating (min.)		10μA 1V DC
Electrical performance	Insulation resistance	100MΩ min. 100V DC
	Voltage proof	250V AC for 1 minute
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	-30±2°C for 96h
	Dry heat	80±2°C for 96h
	Damp heat	60±2℃, 90 to 95%RH for 96h

1 sur 5









2 sur 5

Packing Specifications Bulk

Number of moderno (nos.)	1 case / Japan	4,000
Number of packages (pcs.)	1 case / export packing	12,000
Export package measu	309×476×347	

11/07/2012 17:03 3 sur 5

Soldering Conditions Conditions for Auto-dip

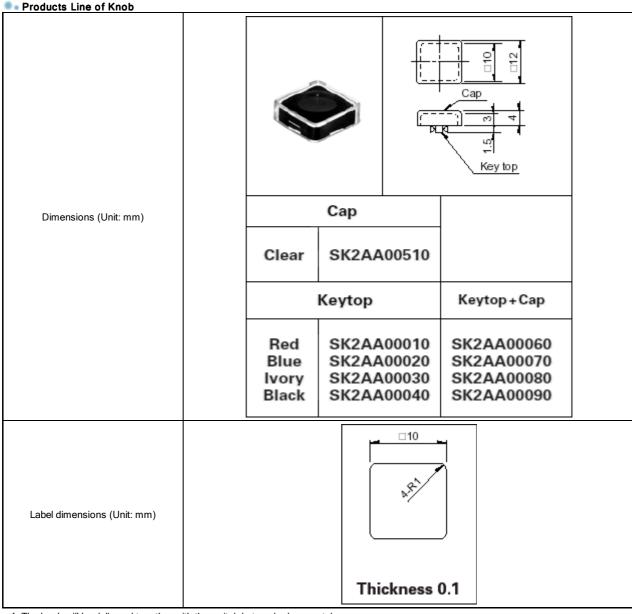
Items	Condition		
Flux built-up	Mounting surface should not be exposed to fluk		
Preheating temperature	Ambient temperature of the soldered surface of PC board. 100°C max.		
Preheating time	60s ax.		
Soldering temperature	260°C max.		
Duration of immersion	5s max.		
Number of soldering	2times max.		

Manual Soldering

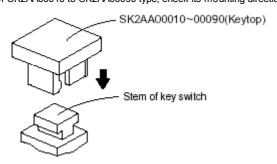
Items	Condition
Soldering temperature	350°C max.
Duration of soldering	3s max.
Capacity of soldering iron	60W max.

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

4 sur 5 11/07/2012 17:03



- 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.



» NOTE

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.

Inquiries about Products

For more information please contact: Products Information Center.

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5 sur 5