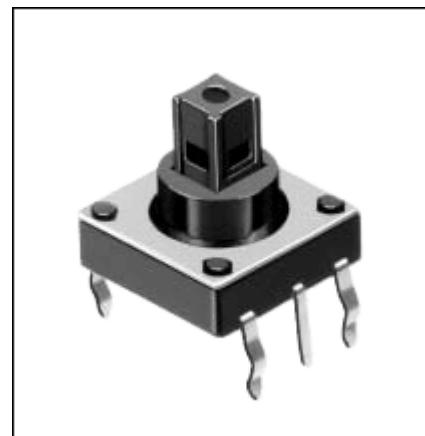


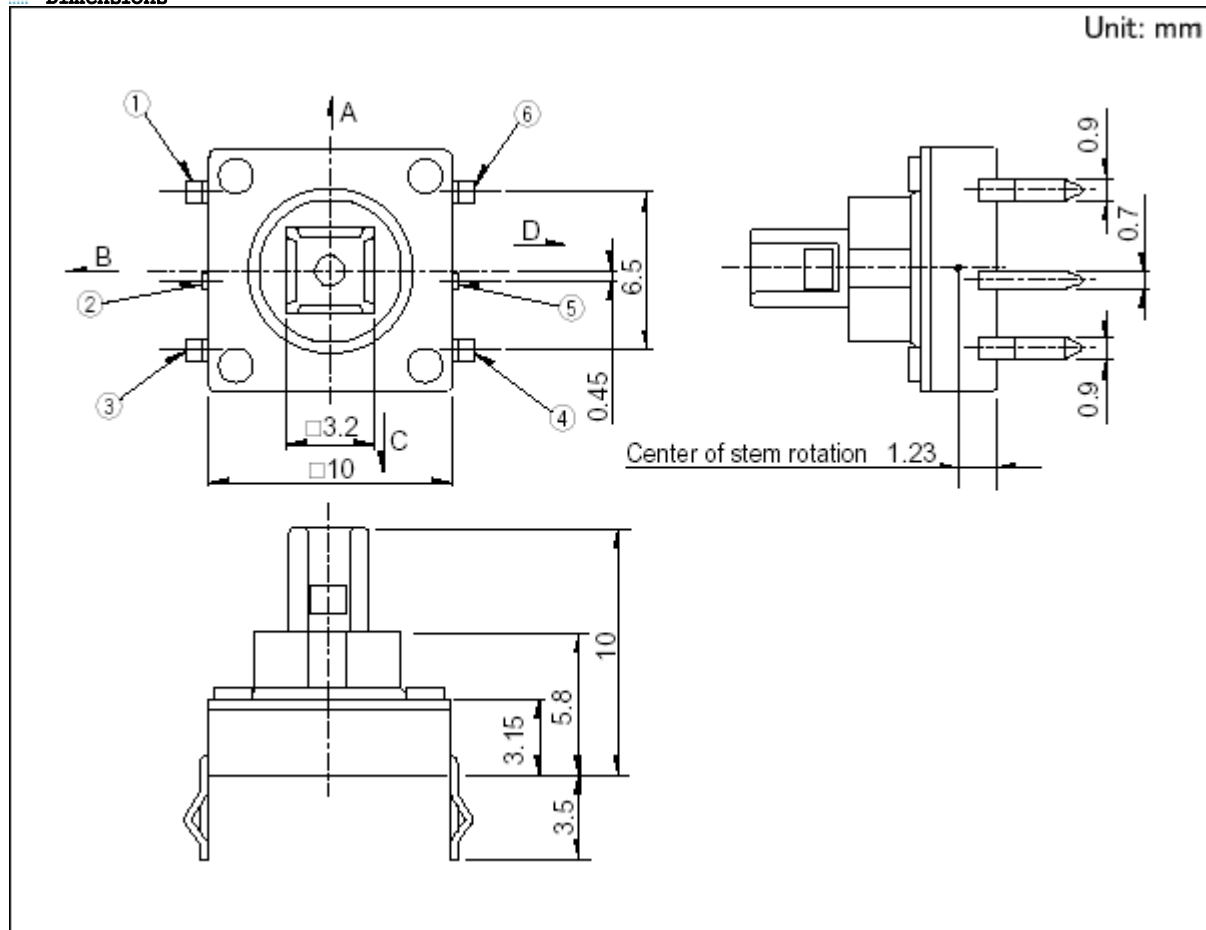


ALPS Manufacturer of Electronic Components/Parts Catalog

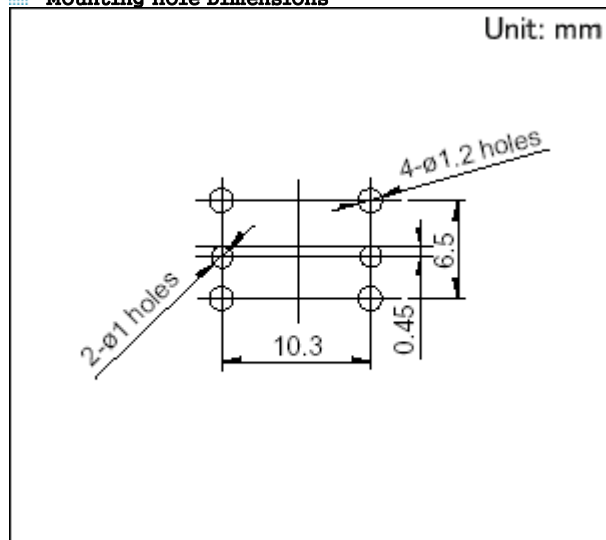
4-direction with Center-push Function (SMD & Snap-in Type) SKQU Series**Detail**» **With Center Push Type**

Model No.		SKQUCAA010	
Type		Snap-in	
Operating force	4-direction	1.57N	
	Center push	3.14N	
Travel	4-direction	0.4mm	
	Center push	0.2mm	
Operating life (5mA 5V DC)		100,000 cycles for each direction	
Initial contact resistance		500mΩ max.	
Minimum packing unit (pcs.)		1,000	
Operating temperature range		-30°C to +85°C	
Ratings (max.)/(min.) (Resistive load)		50mA 12V DC/10μA 1V DC	
Electrical performance	Directional resolution		4-direction
	Insulation resistance		100MΩ min. 100V DC
	Voltage proof		250V AC for 1 minute
Mechanical performance	Direction application force		1.57(+0.39, -0.69)N
	Push application force		3.14±0.59N
	Robustness of terminal		49N for 1 minute
	Solder heat resistance	Manual soldering	350°C max. 3s max.
		Dip soldering	260°C max. 5s max.
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
	Operating life	Directions	100,000 cycles
		Center push	100,000 cycles
Environmental performance	Cold		-30±2°C for 96h
	Dry heat		80±2°C for 96h
	Damp heat		60±2°C, 90 to 95%RH for 96h

Dimensions

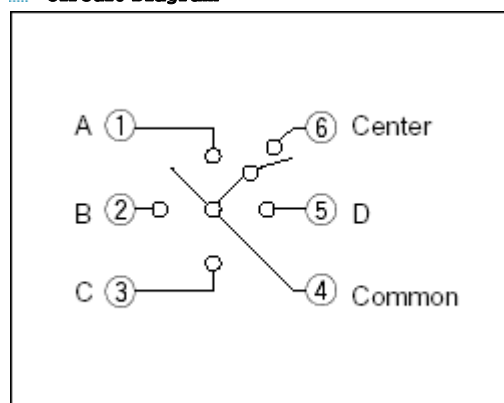


Mounting Hole Dimensions



1. Viewed from mounting face.
2. Using a 1.6mm thick PC board is recommended.

Circuit Diagram



>> NOTE

Notes are common to this series/models.

1. For SKQUAA, and SKQUBA models, the 4-directional operating force and travel are measured 0.9mm below the top of the stem.
2. For SKQUCA models, the 4-directional operating force and travel are measured 2.9mm below the top of the stem.
3. For SKQUDB models, the 4-directional operating force and travel are measured 1.5mm below the top of the stem.
4. Place your purchase order in N minimum package units (N: integer).
5. Ask us for the export packaging unit.
6. For surface mount type, 1-reel is the minimum packing units. (Please see taping specifications)
7. Using a 1.6mm thick PC board is recommended. (Snap-in type.)

**Inquiries about Products**

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