



ALPS Manufacturer of Electronic Components/Parts Catalog

## 4-direction with Center-push Function Type SKQU Series

## Detail

## ▶ With Center Push Type

Part number	SKQUCAA010
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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 order unit (pcs.)	1,000	

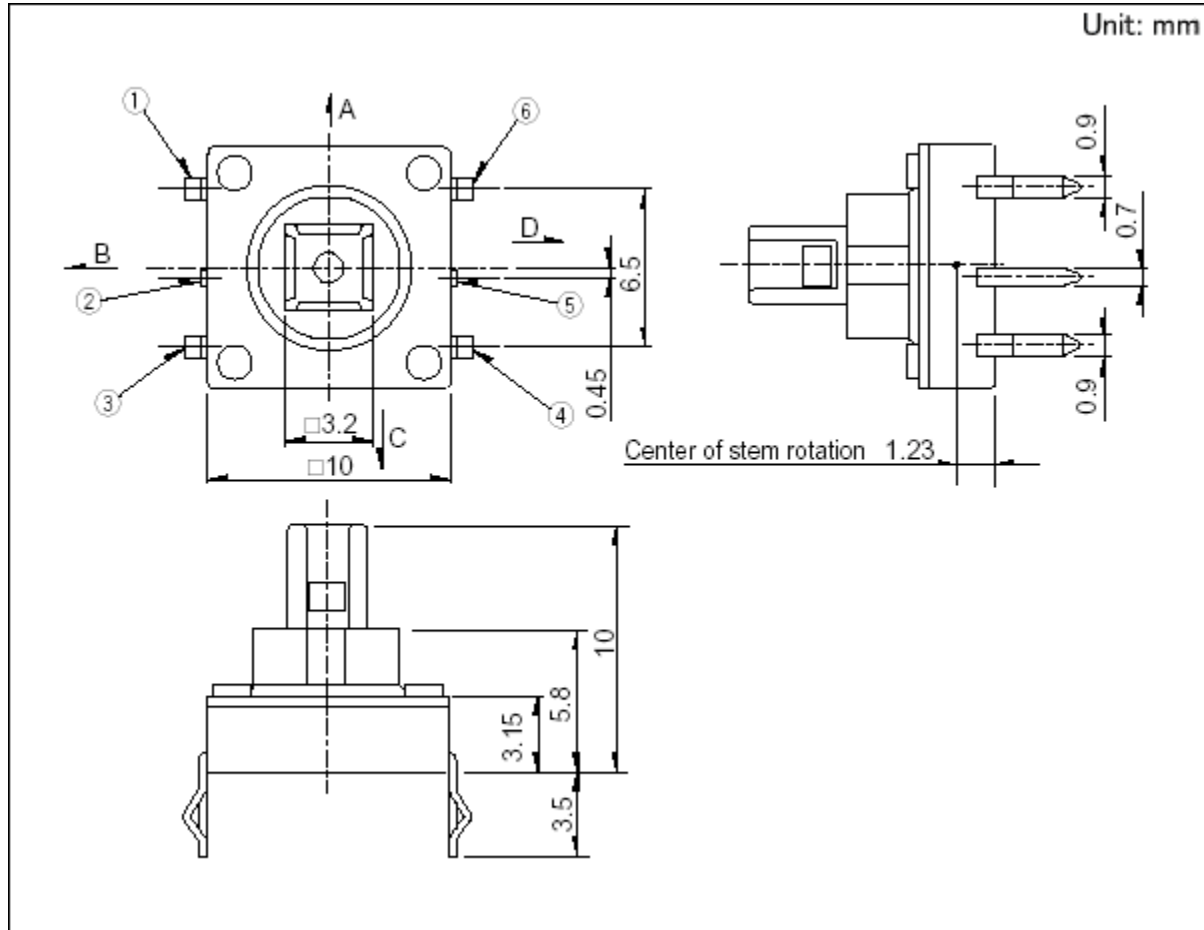
Operating temperature range			-30°C to +85°C
Ratings (max.)/(min.) (Resistive load)			50mA 12V DC/10μA 1V DC
Electrical performance	Directional resolution		4-direction
	Insulation resistance		100MΩ min. 100V DC
	Voltage proof		250V AC for 1 minute
Mechanical performance	Directional operating force		1.57(+0.39, -0.69)N
	Push operating force		3.14±0.59N
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	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

3D CAD (STEP)	
Certificate of Compliance to RoHS regulations	

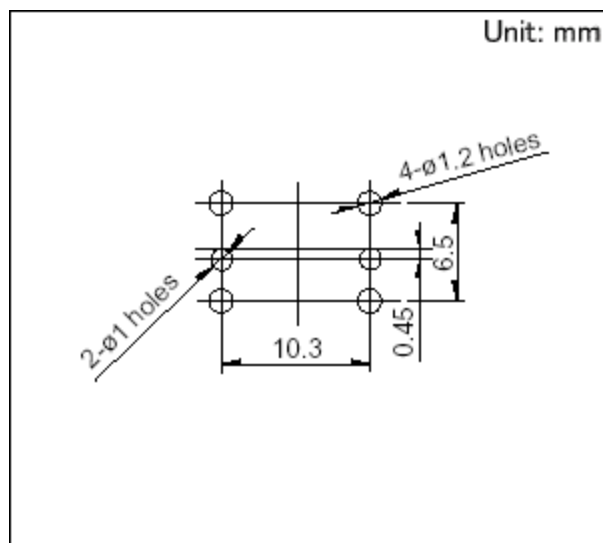
Photo



Dimensions

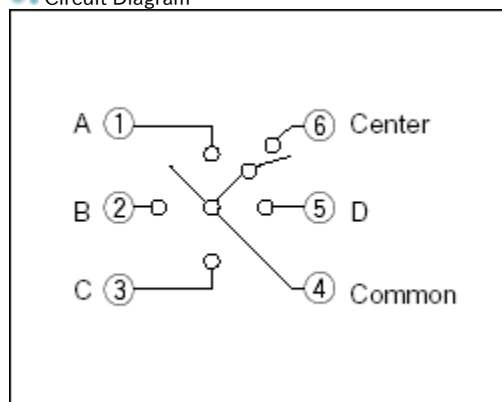


Mounting Hole Dimensions



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

● Circuit Diagram



● Packing Specifications

梱包数 (pcs.)		輸出梱包箱寸法 (mm)
1箱/国内	1箱/輸出	
4,000	12,000	309 × 476 × 347

» 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. For SKQUAA, and SKQUBA models, the 4-directional operating force and travel are measured 0.9mm below the top of the stem.
3. For SKQUCA models, the 4-directional operating force and travel are measured 2.9mm below the top of the stem.
4. For SKQUDB models, the 4-directional operating force and travel are measured 1.5mm below the top of the stem.
5. Please place purchase orders per minimum order unit (integer).
6. Please place purchase orders for taping products per minimum order unit (1 reel or a case).
7. Using a 1.6mm thick PC board is recommended. (Snap-in type.)



Inquiries about Products

For more information please contact: Products Information Center.

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