

Radial Type TACT Switch(TM) > SKQK Series > SKQKAED010

Series Common Info

6.6mm Square Type (Radial) SKQK Series

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PRINT

Part number **SKQKAED010**

Type Radial

Operating force 1.57N

Operating direction Top push

Travel 0.25mm

Operating life (5mA 5V DC) 500,000 cycles

Initial contact resistance 100mΩ max.

Stem color Dark gray

Stem height h=7mm

Series type Sharp feeling type

Operating temperature range -20°C to +70°C

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 -30±2°C for 96h

Dry heat 80±2°C for 96h

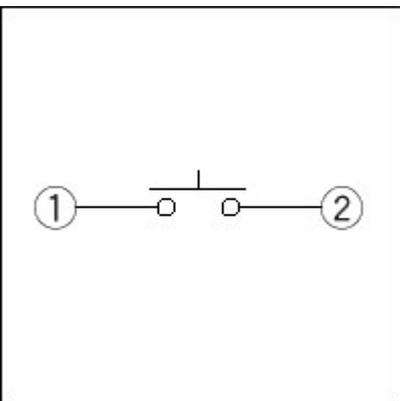
Damp heat 60±2°C, 90 to 95%RH for 96h

Minimum order unit Japan 1,000

(pcs.) Export 1,000

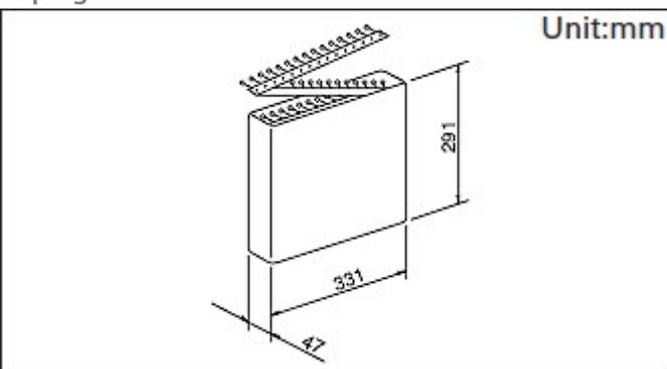
Viewed from mounting face.

Circuit Diagram



Packing Specifications

Taping



Number of packages (pcs.)	1 box	1,000
	1 case / Japan	10,000
	1 case / export packing	10,000
Export package measurements (mm)	354×606×272	

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	45s max.

Soldering temperature	255°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	20W 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.)

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 for taping products per minimum order unit (1 box or a case).
4. Please contact us for automotive use products.

Inquiries about Products

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