

# K5G Series Snap Action Key Switch



## Features/Benefits

- Double stroke version
- Excellent tactile feel
- Low profile
- Quiet actuation
- RoHS compliant

## Typical Applications

- Automotive
  - Window lift
  - Sun-roof control
- Multi-function devices

## Construction

FUNCTION: Momentary action  
CONTACT ARRANGEMENT: 2 make contacts, SPST  
TERMINALS: Gullwing type for SMT

## Mechanical

OPERATING FORCE FIRST STROKE: 3.7 + 0,8 - 0,5N  
OPERATING FORCE SECOND STROKE: 6.5 N + 0.8 - 0,5N  
ELECTRICAL TRAVEL FIRST STROKE: 0,5 mm  
ELECTRICAL TRAVEL SECOND STROKE: 0,85 mm  
TOTAL TRAVEL: 1 mm  
OPERATING LIFE: 30,000 actuations

## Packaging

Switches are delivered on continuous tape, in reels of 500 pieces

**NOTE:** Product to be offered as compatible with the lead free soldering profile on Q3 2006.

**NOTE:** Specifications listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

## Electrical

POWER MIN / MAX: .02 VA / 1 VA  
VOLTAGE MIN / MAX: 20 mV / 30 VDC  
CURRENT MIN / MAX DC: .01 mA / 50 mA  
CONTACT RESISTANCE:  $\leq 100 \text{ m}\Omega$   
INSULATION RESISTANCE:  $\geq 1\text{G}\Omega$   
BOUNCE TIME: 5 ms

## Environmental

OPERATING TEMPERATURE: -40°C to 85°C.  
STORAGE TEMPERATURE: -50°C to 95°C.  
WASHABLE: No

## Process

SOLDERING: Lead Free reflow compatible in accordance with CEI 60068-2-58

## Materials

CONTACTS: Au over Ni  
SOLDERING PINS: Au  
HOUSING: Thermoplastic UL 94 H-B

## How To Order

Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.



