

# Panasonic Electronic Components

## EVQ-Q0, Double Action Switch

Unique Ultra-Durable Edge Mounting Design

**Panasonic, a worldwide leader in electromechanical components, introduces the NEW EVQ-Q0 Series Double Action Light Touch Switch, with Panasonic's unique edge-mounting design.**



EVQ-Q0 is designed with double action, meaning there are two actuation steps. It is also designed for side-operation, meaning the actuation angle is horizontal to the PCB, a method frequently used for the side buttons on handheld devices.

One common problem for side operation switches is the peel-off issue, meaning the switch is more prone to be "peeled off" from the PCB at the solder joint, due to sudden external force impact such as dropping the device on the ground. EVQ-Q0 solves this issue by mounting the switch on a cut-out edge of the PCB, such that external force is transferred to the PCB instead of the solder joint. This method is 3~4 times stronger than conventional mounting methods.

EVQ-Q0 comes in a 6.2 x 3.75mm form factor, with a 3.5mm body height. In the edge-mounted version, height measured from PCB is only 1.35mm. First actuation is 1.0N force with 0.4mm travel, and second actuation is 2.6N force with 0.5mm travel. Both actuations provide tactile click feedback to users.

Panasonic also offers many other Light Touch Switch solutions to suit your human interface needs.

### Features:

- Edge mounting
- Double action
- Side operation

### Benefits:

- Rugged
- Double action
- Side operation

### Industries:

- Handheld Devices

### Applications:

- Side button
- Camera shutter button with focus function

### Part Number Information:

1	2	3	4	5	6	7	8	9
E	V	Q	Q	0				
Product code					Type		Height	

### DATASHEET:

[www.panasonic.com/industrial/components/pdf/ATK0000CE21.pdf](http://www.panasonic.com/industrial/components/pdf/ATK0000CE21.pdf)

### WEBSITE:

[www.panasonic.com/industrial/components/electromechanical/elec\\_lts.htm](http://www.panasonic.com/industrial/components/electromechanical/elec_lts.htm)