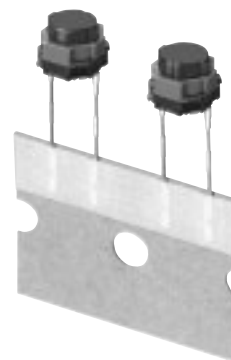


### 6 mm Square Long Travel 2R Light Touch Switches

Type: **EVQPV**



#### ■ Features

- External dimensions : 6.0 mm×6.1 mm, Hight 5.0 mm  
(Including the push plate)
- High mountability, section terminals and radial taping package
- Low contact resistance and steady contact characteristics

#### ■ Recommended Applications

- Car audio equipment

#### ■ Explanation of Part Numbers

1

2

3

4

5

6

7

8

9

E

V

Q

P

V

0

5

K

Type

6th

Operating Force

Push Travel

7th & 8th

Mounting Height

9th

Push Plate Color

A

2.2 N

1.0 mm

05

5.0 mm

K

Black

2

1.6 N

1.3 mm

G

2.0 N

F

2.5 N

W

3.5 N

#### ■ Specifications

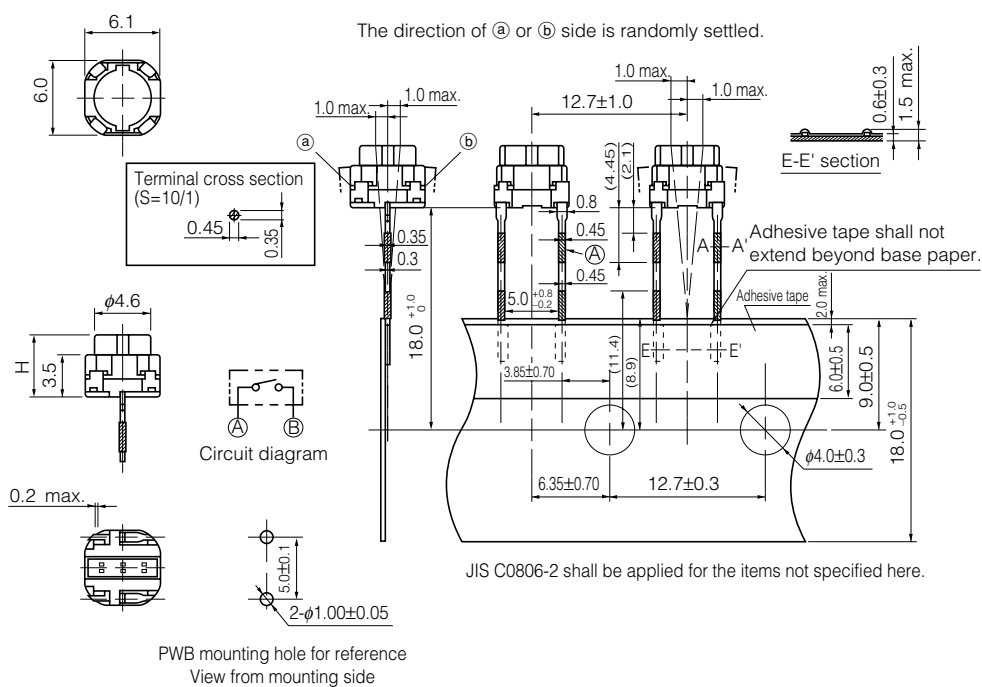
Type		Snap action/Push-on type SPST	
Electrical	Rating	10 $\mu$ A 2 Vdc to 50 mA 12 Vdc (Resistive load)	
	Contact Resistance	100 m $\Omega$ max.	
	Insulation Resistance	100 M $\Omega$ min. (at 100 Vdc)	
	Dielectric Withstanding Voltage	250 Vac for 1 minute	
	Bouncing	10 ms max. (ON, OFF)	
Mechanical	Operating Force	2.2 N	1.6 N, 2.0 N, 2.5 N, 3.5 N
	Travel	1.0 mm $\pm$ 0.2 mm	1.3 mm $\pm$ 0.2 mm
Endurance	Operating Life	100000 cycles min. (3.5 N type : 30000 cycles min.)	
Operating Temperature		-30 °C to +85 °C	
Storage Temperature		-40 °C to +85 °C (Bulk)	
		-20 °C to +40 °C (Taping)	
Minimum Quantity/Packing Unit		2500 pcs. Radial Taping (Reel Pack)	
Quantity/Carton		25000 pcs.	

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.  
Should a safety concern arise regarding this product, please be sure to contact us immediately.

## ■ Dimensions in mm (not to scale)

### EVQPV

(Radial Taping)



Part Numbers	Operating Force	Travel	H=Height	Push Plate Color	Operating Life
EVQPVA05K	2.2 N	1.0 mm	5.0 mm	Black	100000 cycles
EVQPV205K	1.6 N	1.3 mm	5.0 mm	Black	100000 cycles
EVQPVG05K	2.0 N	1.3 mm	5.0 mm	Black	100000 cycles
EVQPVF05K	2.5 N	1.3 mm	5.0 mm	Black	100000 cycles
EVQPVW05K	3.5 N	1.3 mm	5.0 mm	Black	30000 cycles

# Mouser Electronics

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