

### 6.0 mm×3.5 mm Light Touch Switches

Type: **EVQPE**



#### ■ Features

- External dimensions : 6.0 mm×3.5 mm, Height 4.3 mm, 5.0 mm
- Wave soldering available

#### ■ Recommended Applications

- Operating switches for other electronic equipment

#### ■ Explanation of Part Numbers

1	2	3	4	5	6	7	8	9
<b>E</b>	<b>V</b>	<b>Q</b>	<b>P</b>	<b>E</b>				
Product Code			Type	Operating Force	Height	Push Plate Color		

#### ■ Product Chart

Operating Force \ Type	Bulk Type	Height
1.0 N±0.5 N	EVQPE4	H=4.3 mm H=5.0 mm
1.6 N±0.5 N	EVQPE5	
2.4 N±0.6 N	EVQPE6	


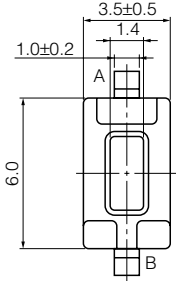
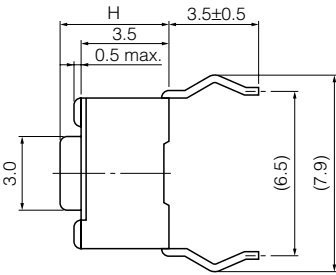
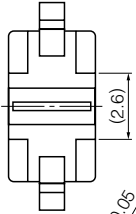
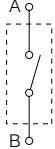
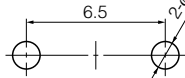
#### ■ Specifications

Type	Snap action/Push-on type SPST		
Electrical	Circuit Diagram		
	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	1.0 N±0.5N (Low force type) 1.6 N±0.5 N (Standard)	2.4 N±0.6 N
	Travel	0.25 mm <sup>+0.20</sup> / <sub>-0.10</sub> mm	
Endurance	Operating Life	50000 cycles min.	30000 cycles min.
Operating Temperature		-30 °C to +85 °C	
Storage Temperature		-40 °C to +85 °C (Bulk)	
Minimum Quantity/Packing Unit		1000 pcs. Polyethylene Bag (Bulk)	
Quantity/Carton		10000 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.

00 Sep. 2010

■ Dimensions in mm (not to scale)

<div><div>EVQPE4 EVQPE5 EVQPE6</div><div>(Bulk)</div><div></div></div>				
<div><div></div><div></div><div></div><div></div><div></div><div>Circuit diagram</div><div>PWB mounting hole for reference (Pitch tolerance: ±0.1) View from mounting side</div></div>				
Part Numbers	Operating Force	H=Height	Push Plate Color	Operating Life
EVQPE404Q	1.0 N	4.3 mm	Grey	50000 cycles
EVQPE405Q	1.0 N	5.0 mm	Grey	50000 cycles
EVQPE504K	1.6 N	4.3 mm	Black	50000 cycles
EVQPE505K	1.6 N	5.0 mm	Black	50000 cycles
EVQPE604T	2.4 N	4.3 mm	Brown	30000 cycles
EVQPE605T	2.4 N	5.0 mm	Brown	30000 cycles