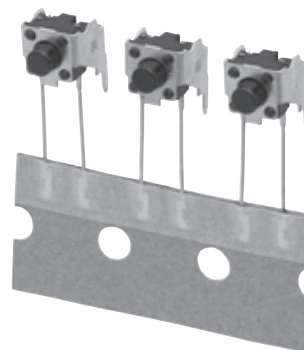


## 5N Type Side-operational 4R Light Touch Switches

Type: **EVQPC**

### ■ Features

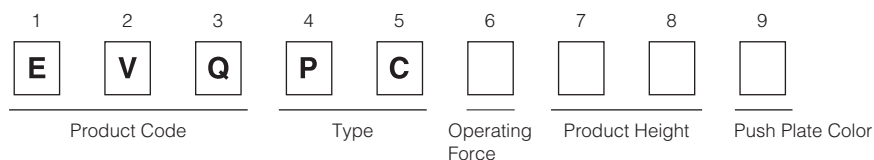
- Wealth of product types: Horizontal type, snap-in terminals, etc.
- Can be automatically dip-soldered: Integral molding of the terminals and main body prevents the escape of flux.



### ■ Recommended Applications

- Operating switches for electronic equipment

### ■ Explanation of Part Numbers



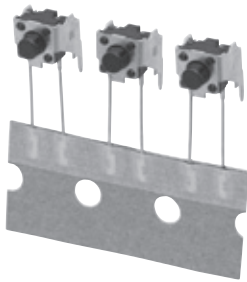
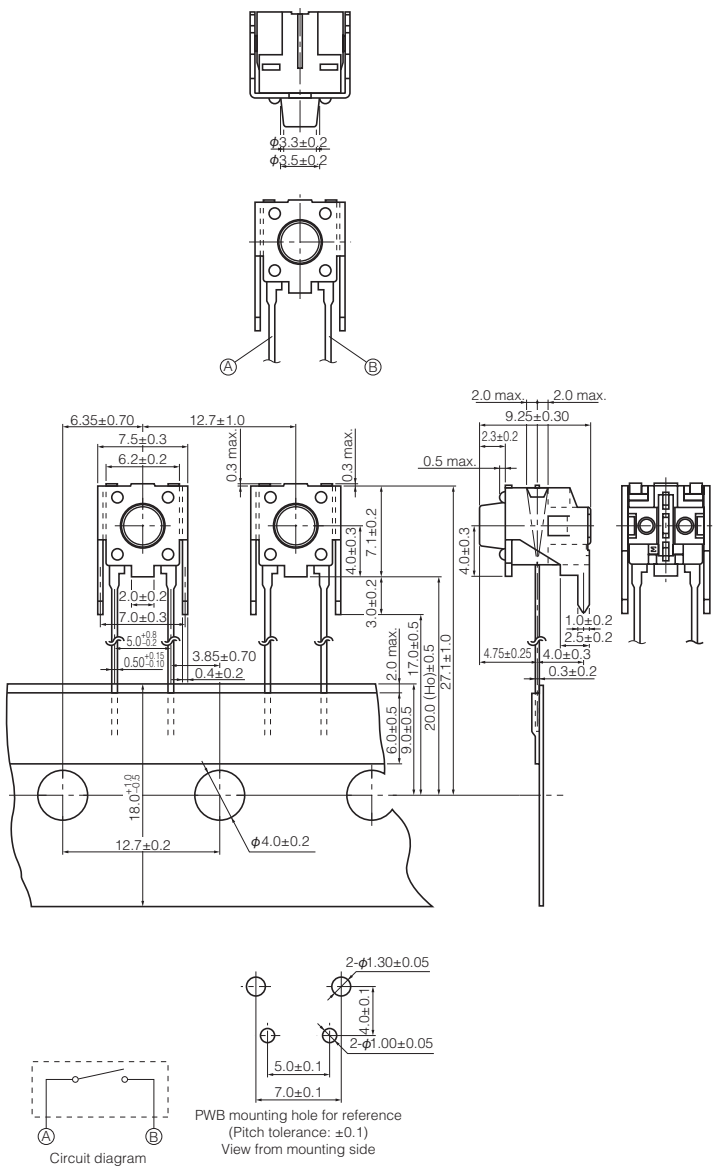
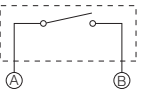
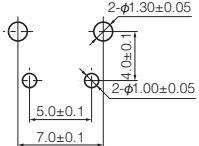
### ■ Specifications

Type		Snap action/Push-on type SPST	
Electrical	Circuit Diagram		
	Rating	10 $\mu$ A 2 V DC to 20 mA 15 V DC (Resistive load)	
	Contact Resistance	50 m $\Omega$ max.	
	Insulation Resistance	50 M $\Omega$ min. (at 100 V DC)	
	Dielectric Withstanding Voltage	250 V AC for 1 minute	
Mechanical	Bouncing	3 ms max. (ON) 8 ms max. (OFF)	
	Operating Force	1.0 N $\pm$ 0.4 N 1.3 N $\pm$ 0.4 N 1.6 N $\pm$ 0.5 N	2.6 N $\pm$ 0.6 N
	Travel	0.25 mm $\pm$ 0.10 mm	
Endurance	Operating Life	100,000 cycles min.*	50,000 cycles min.
Operating Temperature		-20 °C to +70 °C	
Storage Temperature		-40 °C to +85 °C (Bulk) -20 °C to +40 °C (Taping)	
Minimum Quantity/Packing Unit		700 pcs. Radial Taping (Reel Pack)	
Quantity/Carton		7,000 pcs.	

\*1 million cycles also available, consult our salesmen.

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)

<p>EVQPC</p> 	<p>General dimension tolerance : <math>\pm 0.2</math> ( ) dimensions are reference dimensions.</p>  <p style="text-align: center;">   Circuit diagram         </p> <p style="text-align: center;">   PWB mounting hole for reference (Pitch tolerance: <math>\pm 0.1</math>) View from mounting side         </p>																																																														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Part Numbers</th> <th style="text-align: left;">Operating Force</th> <th style="text-align: left;">Push Plate Place</th> <th style="text-align: left;">Push Plate Color</th> <th style="text-align: left;">Operating Life</th> <th style="text-align: left;">Insert Machine</th> <th style="text-align: left;">H<sup>0</sup> Dimension</th> </tr> </thead> <tbody> <tr> <td>EVQPC005K</td> <td>1.0 N</td> <td>4.75 mm</td> <td>Black</td> <td>100,000 cycles</td> <td>Panasert</td> <td>20 mm</td> </tr> <tr> <td>EVQPC105K</td> <td>1.3 N</td> <td>4.75 mm</td> <td>Black</td> <td>100,000 cycles</td> <td>Panasert</td> <td>20 mm</td> </tr> <tr> <td>EVQPC205K</td> <td>1.6 N</td> <td>4.75 mm</td> <td>Black</td> <td>100,000 cycles</td> <td>Panasert</td> <td>20 mm</td> </tr> <tr> <td>EVQPC305K</td> <td>2.6 N</td> <td>4.75 mm</td> <td>Black</td> <td>50,000 cycles</td> <td>Panasert</td> <td>20 mm</td> </tr> <tr> <td>EVQPC405K</td> <td>1.0 N</td> <td>4.75 mm</td> <td>Black</td> <td>100,000 cycles</td> <td>Avisert</td> <td>21 mm</td> </tr> <tr> <td>EVQPCP05K</td> <td>1.3 N</td> <td>4.75 mm</td> <td>Black</td> <td>100,000 cycles</td> <td>Avisert</td> <td>21 mm</td> </tr> <tr> <td>EVQPC605K</td> <td>1.6 N</td> <td>4.75 mm</td> <td>Black</td> <td>100,000 cycles</td> <td>Avisert</td> <td>21 mm</td> </tr> <tr> <td>EVQPC705K</td> <td>2.6 N</td> <td>4.75 mm</td> <td>Black</td> <td>50,000 cycles</td> <td>Avisert</td> <td>21 mm</td> </tr> </tbody> </table>	Part Numbers	Operating Force	Push Plate Place	Push Plate Color	Operating Life	Insert Machine	H <sup>0</sup> Dimension	EVQPC005K	1.0 N	4.75 mm	Black	100,000 cycles	Panasert	20 mm	EVQPC105K	1.3 N	4.75 mm	Black	100,000 cycles	Panasert	20 mm	EVQPC205K	1.6 N	4.75 mm	Black	100,000 cycles	Panasert	20 mm	EVQPC305K	2.6 N	4.75 mm	Black	50,000 cycles	Panasert	20 mm	EVQPC405K	1.0 N	4.75 mm	Black	100,000 cycles	Avisert	21 mm	EVQPCP05K	1.3 N	4.75 mm	Black	100,000 cycles	Avisert	21 mm	EVQPC605K	1.6 N	4.75 mm	Black	100,000 cycles	Avisert	21 mm	EVQPC705K	2.6 N	4.75 mm	Black	50,000 cycles	Avisert	21 mm
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