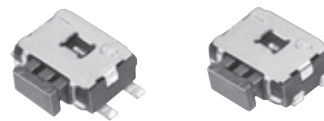


Small-sized Side-operational SMD Light Touch Switches

Type: **EVQPU**



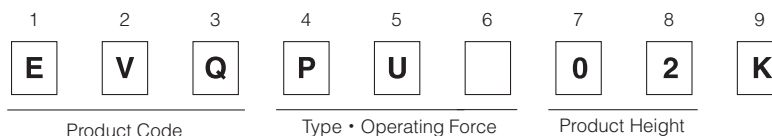
■ Features

- External dimensions : 4.7 mm×3.5 mm(Excluding the push plate), Height 1.65mm
- A wide range of terminal type : J-bent, Straight

■ Recommended Applications

- Operation switches for portable electronic equipment
(Mobile phones, Digital still cameras, Camcorders,
Portable audio players, etc.)

■ Explanation of Part Numbers


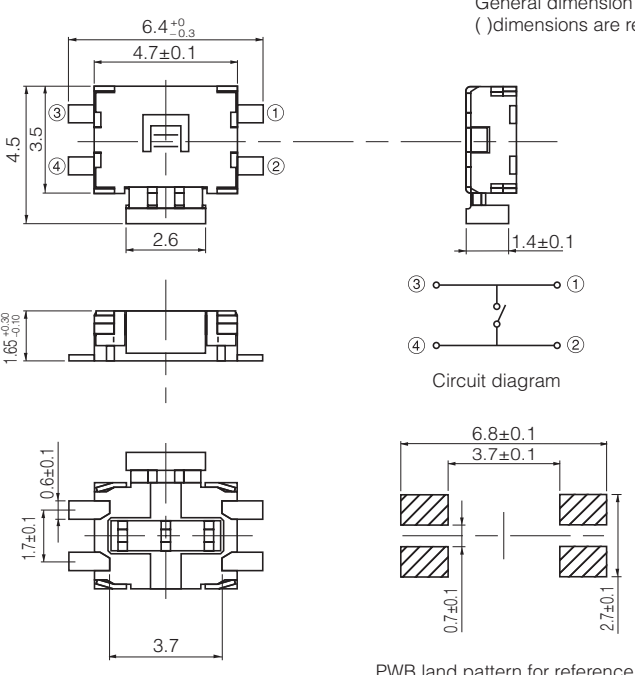

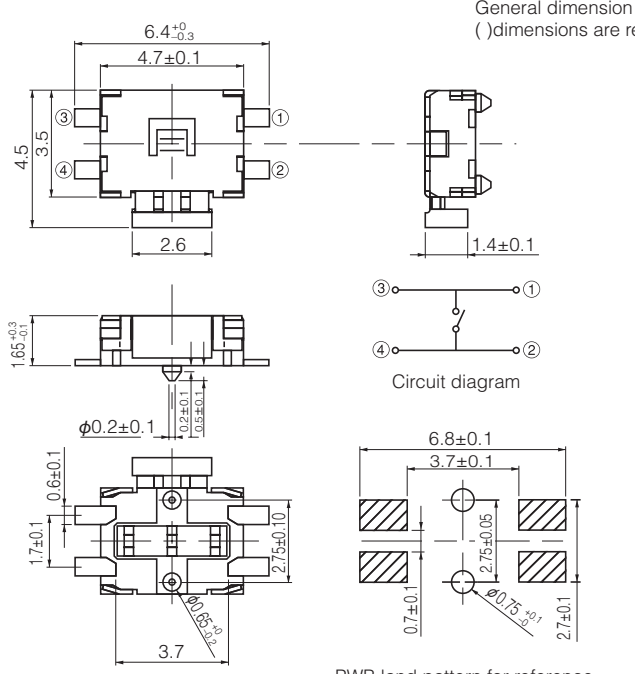


■ Specifications

Type		Snap action / Push-on type SPST	
Electrical	Rating	10 μ A 2 V DC to 50 mA 12 V DC (Resistive load)	
	Contact Resistance	500 m Ω max.	
	Insulation Resistance	100 M Ω min. (at 100 V DC)	
	Dielectric Withstanding Voltage	250 V AC for 1 minute	
	Bouncing	10 ms max. (ON, OFF)	
Mechanical	Operating Force	1.6 N ^{+0.7} _{-0.4}	2.2 N ^{+0.8} _{-0.7}
	Travel	0.3 mm ^{+0.1} _{-0.2}	
	Push Strength	30 N (1 minute)	
Endurance	Operating Life	100,000 cycles min.	
Operating Temperature		-20 °C to +70 °C	
Storage Temperature		-40 °C to +85 °C (Bulk) -20 °C to +60 °C (Taping)	
Minimum Quantity/Packing Unit		4,000 pcs. Embossed Taping (Reel Pack)	
Quantity/Carton		20,000 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)

<p>No. 1</p> <p>EVQPUJ EVQPUA</p> <p>(Embossed Taping)</p> <p>With straight terminals Without boss</p> 	<p>General dimension tolerance : ± 0.2 () dimensions are reference dimensions.</p>  <p>Top view dimensions: $6.4^{+0}_{-0.3}$, 4.7 ± 0.1, 4.5, 3.5, 2.6, $1.65^{+0.30}_{-0.10}$, 1.7 ± 0.1, 0.6 ± 0.1, 3.7</p> <p>Side view dimension: 1.4 ± 0.1</p> <p>Front view dimensions: 6.8 ± 0.1, 3.7 ± 0.1, 0.7 ± 0.1, 2.7 ± 0.1</p> <p>Circuit diagram labels: ①, ②, ③, ④</p> <p>PWB land pattern for reference labels: 6.8 ± 0.1, 3.7 ± 0.1, 0.7 ± 0.1, 2.7 ± 0.1</p>			
<p>Part Numbers</p> <p>EVQPUJ02K</p> <p>EVQPUA02K</p>	<p>Operating Force</p> <p>1.6 N</p> <p>2.2 N</p>	<p>Height</p> <p>1.65 mm</p> <p>1.65 mm</p>	<p>Push Plate Color</p> <p>Black</p> <p>Black</p>	<p>Operating Life</p> <p>100,000 cycles</p> <p>100,000 cycles</p>
<p>No. 2</p> <p>EVQPUL EVQPUC</p> <p>(Embossed Taping)</p> <p>With straight terminals With boss</p> 	<p>General dimension tolerance : ± 0.2 () dimensions are reference dimensions.</p>  <p>Top view dimensions: $6.4^{+0}_{-0.3}$, 4.7 ± 0.1, 4.5, 3.5, 2.6, $1.65^{+0.3}$, 1.7 ± 0.1, 0.6 ± 0.1, 3.7, $\phi 0.2 \pm 0.1$, 2.75 ± 0.10, $\phi 0.75^{+0.1}_{-0.2}$</p> <p>Side view dimension: 1.4 ± 0.1</p> <p>Front view dimensions: 6.8 ± 0.1, 3.7 ± 0.1, 0.7 ± 0.1, 2.75 ± 0.05, 2.7 ± 0.1</p> <p>Circuit diagram labels: ①, ②, ③, ④</p> <p>PWB land pattern for reference labels: 6.8 ± 0.1, 3.7 ± 0.1, 0.7 ± 0.1, 2.75 ± 0.05, 2.7 ± 0.1, $\phi 0.75^{+0.1}_{-0.2}$</p>			
<p>Part Numbers</p> <p>EVQPUL02K</p> <p>EVQPUC02K</p>	<p>Operating Force</p> <p>1.6 N</p> <p>2.2 N</p>	<p>Height</p> <p>1.65 mm</p> <p>1.65 mm</p>	<p>Push Plate Color</p> <p>Black</p> <p>Black</p>	<p>Operating Life</p> <p>100,000 cycles</p> <p>100,000 cycles</p>

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 style="text-align: center; border: 1px solid black; display: inline-block; padding: 2px;">No. 3</p>	<div style="text-align: right; font-size: small;">General dimension tolerance : ± 0.2 () dimensions are reference dimensions.</div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="width: 45%;"> <p>EVQPUK EVQPUB</p> <p>(Embossed Taping)</p> <p>With J-bent terminals Without boss</p> </div> <div style="width: 50%;"> <p style="text-align: center; font-size: x-small;">Circuit diagram</p> <p style="text-align: center; font-size: x-small;">PWB land pattern for reference</p> </div> </div>
--	---

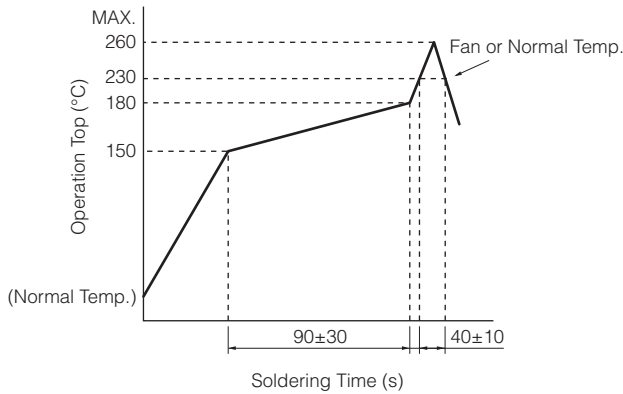
Part Numbers	Operating Force	Height	Push Plate Color	Operating Life
EVQPUK02K	1.6 N	1.65 mm	Black	100,000 cycles
EVQPUB02K	2.2 N	1.65 mm	Black	100,000 cycles

<p style="text-align: center; border: 1px solid black; display: inline-block; padding: 2px;">No. 4</p>	<div style="text-align: right; font-size: small;">General dimension tolerance : ± 0.2 () dimensions are reference dimensions.</div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="width: 45%;"> <p>EVQPUM EVQPUD</p> <p>(Embossed Taping)</p> <p>With J-bent terminals With boss</p> </div> <div style="width: 50%;"> <p style="text-align: center; font-size: x-small;">Circuit diagram</p> <p style="text-align: center; font-size: x-small;">PWB land pattern for reference</p> </div> </div>
--	--

Part Numbers	Operating Force	Height	Push Plate Color	Operating Life
EVQPUM02K	1.6 N	1.65 mm	Black	100,000 cycles
EVQPUD02K	2.2 N	1.65 mm	Black	100,000 cycles

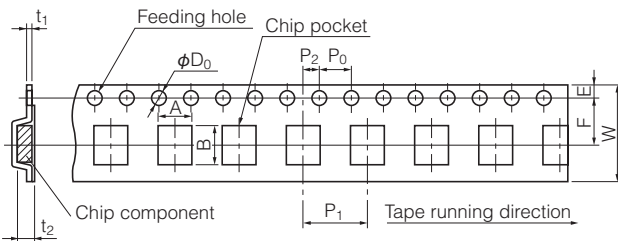
Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.
Should a safety concern arise regarding this product, please be sure to contact us immediately.

■ Recommended Reflow Soldering Conditions



● Embossed Carrier Taping

Tape width=12.0 mm



Taping condition : Lack of products in the middle of taping should be one MAX, but total quantity specified in the specifications should be secured.
Peeling off strength of top tape : It should be within 0.2N to 1.0N at 165 degree in peeling off angle.
Joint of carrier tape : One joint per one reel may exist.

Unit: mm

Part No.	Height	A	B	W	F	E	P ₁	P ₂	P ₀	D ₀ Dia.	t ₁	t ₂
EVQPU	1.65	7.0±0.2	5.75±0.20	12.0±0.3	5.78±0.20	1.75±0.10	8.0±0.1	2.0±0.1	4.0±0.1	1.5 ^{+0.1} ₋₀	0.35±0.05	2.4±0.2

单击下面可查看定价，库存，交付和生命周期等信息

[>>Panasonic\(松下\)](#)