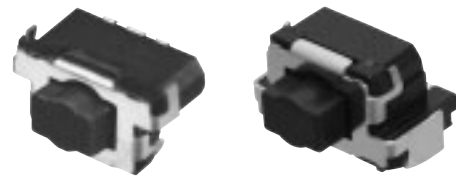


6.2 mm×3.7 mm Double-action  
Side-operational Edge Mount / SMD  
Light Touch Switches

Type: **EVQQ0**



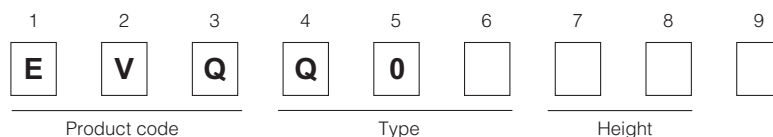
### ■ Features

- External dimensions : 6.2 mm×3.75 mm (Excluding the push plate), Height : 3.5 mm (EVQQ0C Type : Printed circuit board being as low as 1.35 mm)
- Good operability due to long stroke : 1st 0.4 mm, 2nd 0.5 mm
- Improved soldering strength in the operating direction when mounted on PC board edge

### ■ Recommended Applications

- Camera function  
(Digital still cameras, Camcorders, Mobile phones, etc.)
- Operating switches for menu scrolling and confirmation for portable equipment.

### ■ Explanation of Part Numbers


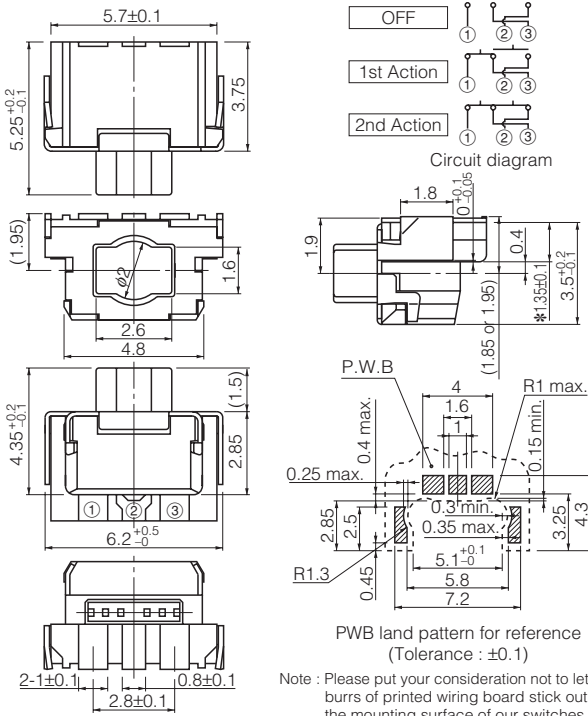

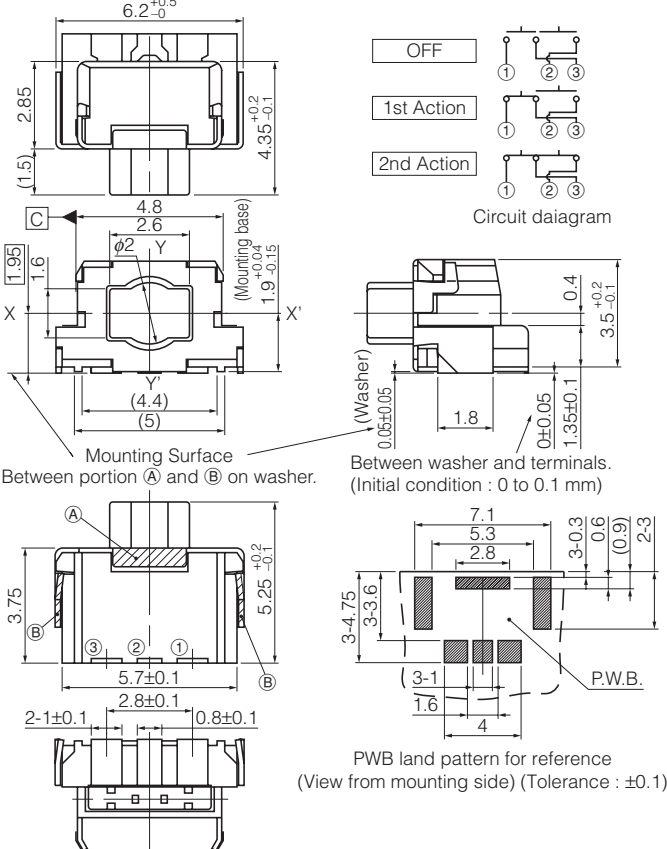


### ■ Specifications

Type	Snap action/Push-on type SPDT	
Electrical	Circuit Diagram	
	Rating	10 μA 2 Vdc to 20 mA 15 Vdc (Resistive load)
	Contact Resistance	500 mΩ max.
	Insulation Resistance	100 MΩ min. (at 100 Vdc)
	Dielectric Withstanding Voltage	100 Vac for 1 minute
Mechanical	Bouncing	5 ms max. (ON) 20 ms max. (OFF)
	Operating Force (1st Action)	1.0 N
	Operating Force (2nd Action)	2.6 N
	Travel (1st Action)	0.4 mm
	Travel (2nd Action)	0.5 mm
Push Strength	30 N for 1 minute	
Endurance	Operating Life	1st Action with click : 200000 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		2500 pcs. Embossed Taping (Reel Pack)
Quantity/Carton		12500 pcs.

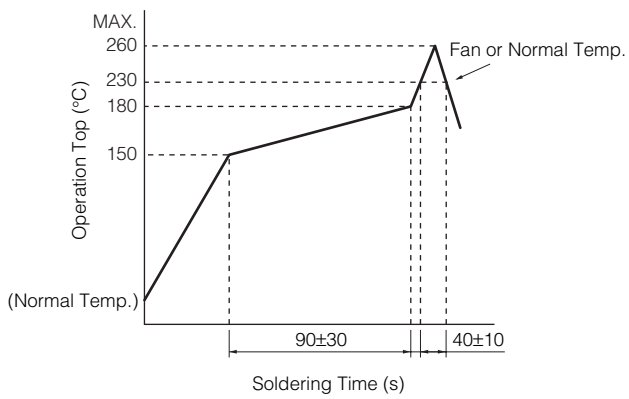
Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.  
Should a safety concern arise regarding this product, please be sure to contact us immediately.

■ Dimensions in mm (not to scale)

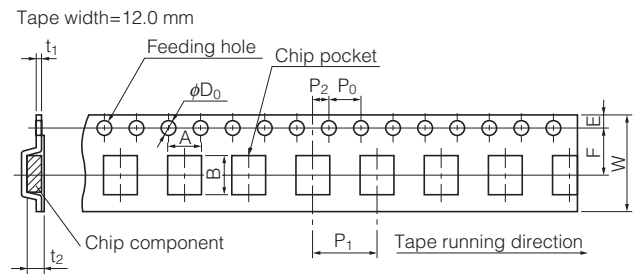
<p>No. 1</p> <p><b>EVQQ0C0</b> (Embossed Taping)</p> 	 <p>OFF</p> <p>1st Action</p> <p>2nd Action</p> <p>Circuit diagram</p> <p>P.W.B.</p> <p>PWB land pattern for reference (Tolerance : ±0.1)</p> <p>Note : Please put your consideration not to let any burrs of printed wiring board stick out from the mounting surface of our switches.</p> <p>* Height from surface of PCB : 1.35 mm</p>		
<p>Part Numbers</p> <p>EVQQ0C03K</p>	<p>Operating Force</p> <p>1st Action/1.0 N (With click) 2nd Action/2.6 N</p>	<p>Height</p> <p>3.5 mm</p>	<p>Operating Life</p> <p>200000 cycles</p>
<p>No. 2</p> <p><b>EVQQ0G0</b> (Embossed Taping)</p> 	 <p>OFF</p> <p>1st Action</p> <p>2nd Action</p> <p>Circuit diagram</p> <p>Mounting Surface Between portion (A) and (B) on washer. (Initial condition : 0 to 0.1 mm)</p> <p>PWB land pattern for reference (View from mounting side) (Tolerance : ±0.1)</p> <p>Support P.W.B.</p>		
<p>Part Numbers</p> <p>EVQQ0G03K</p>	<p>Operating Force</p> <p>1st Action/1.0 N (With click) 2nd Action/2.6 N</p>	<p>Height</p> <p>3.5 mm</p>	<p>Operating Life</p> <p>200000 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.

### ■ Recommended Reflow Soldering Conditions



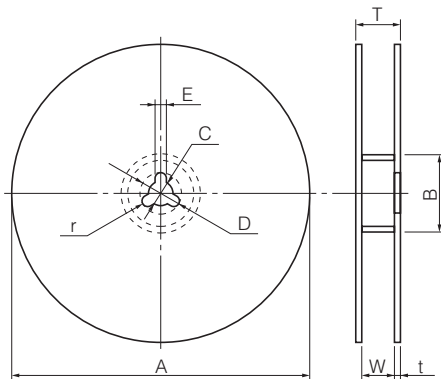
### ● Embossed Carrier Taping



Unit: mm

Part No.	Height	A	B	W	F	E	$P_1$	$P_2$	$P_0$	$D_0$ Dia.	$t_1$	$t_2$
EVQQ0C	3.5	6.6±0.2	5.7±0.2	12.0±0.3	5.5±0.1	1.75±0.10	8.0±0.1	2.0±0.1	4.0±0.1	1.5 <sup>+0.1</sup> <sub>0</sub>	0.4±0.1	3.8±0.2
EVQQ0G			5.8±0.2									3.7±0.2

### ● Standard Reel Dimensions in mm (not to scale)



Item	A	B	C	D	E
Rate (mm)	$\phi 380.0 \pm 2.0$	$\phi 80.0 \pm 1.0$	$\phi 13.0 \pm 0.5$	$\phi 21.0 \pm 1.0$	2.0±0.5

Item	W	T	t	r
Rate (mm)	13.5±1.0	17.5±1.0	1.0 to 3.0	1.0±0.5

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Tactile Switches](#) category:*

*Click to view products by [Panasonic](#) manufacturer:*

Other Similar products are found below :

[KMR633NG LFG](#) [5GTH92001](#) [5GTH9202242](#) [6426-201-11343](#) [MJ1226](#) [MJTP1109B](#) [MJTP1138EAUTR](#) [MJTP1230BL](#) [MJTPSHW](#)  
[GS6.90F300QP](#) [1-1977223-0](#) [1-1977120-4](#) [ADTSA62NV](#) [ADTSA62RV](#) [ADTSA63KV](#) [ADTSA644NV](#) [ADTSM24NVTR](#) [ADTSMW66NV](#)  
[ADTSMW67RV](#) [ATM533VTR](#) [1571300-3](#) [B3F-3123](#) [B3F-6055A](#) [B3F-B32-01-KIT](#) [1977177-8](#) [1977266-1](#) [2-1977223-4](#) [2-1977223-7](#)  
[ADTS644KV](#) [ADTSA61RV](#) [ADTSA62KV](#) [ADTSA63NV](#) [ADTSA63RV](#) [ADTSA65NV](#) [ADTSM21NSVTR](#) [ADTSM25RVTR](#)  
[ADTSM31RVTR](#) [ADTSM32NVTR](#) [ADTSM61YVTR](#) [ADTSM63SVTR](#) [ADTSM644KVTR](#) [ADTSMW64RV](#) [ADTSMW69NV](#)  
[FSMRA4JHA04](#) [GS4.70F300QP](#) [D38999/20JJ37SA](#) [TL1105B](#) [TL1105J](#) [ATH447K2Q](#) [ATM534VTR](#)