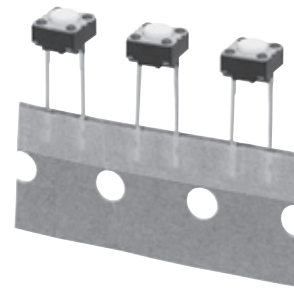


5N Type 2R Light Touch Switches

Type: **EVQ2**



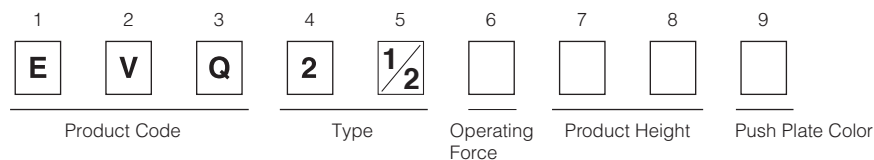
■ Features

- Wealth of product types: With or without a ground terminal, vertical 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



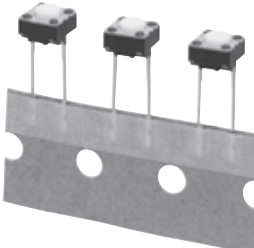
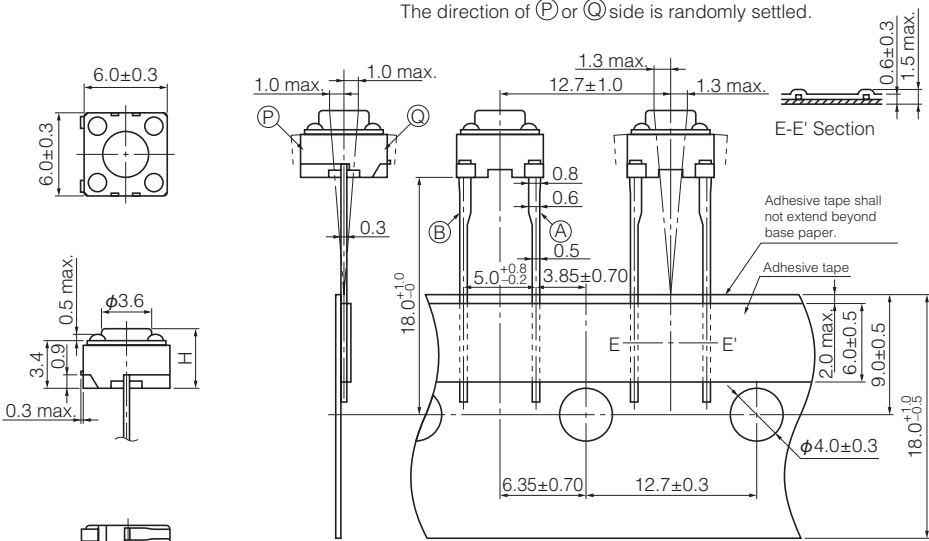
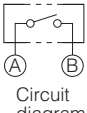
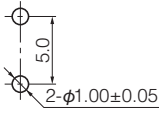
■ Specifications

Type		Snap action/Push-on type SPST	
Electrical	Circuit Diagram		
	Rating	10 μA 2 V DC to 20 mA 15 V DC (Resistive load)	
	Contact Resistance	50 mΩ max.	
	Insulation Resistance	50 MΩ 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±0.4 N 1.3 N±0.4 N 1.6 N±0.5 N	2.6 N±0.6 N
	Travel	0.25 mm±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		1,000 pcs. Radial Taping (Reel Pack)	
Quantity/Cartron		10,000 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>EVQ2</p> <p>With ground terminal</p> <p>2-terminals type</p> <p>Without ground terminal</p> 	<p>General dimension tolerance : ± 0.2 () dimensions are reference dimensions.</p> <p>The direction of (P) or (Q) side is randomly settled.</p>  <p>JIS C0806-2 shall be applied to the items not specified here.</p>  <p>Circuit diagram</p>  <p>PWB mounting hole for reference (Pitch tolerance: ± 0.1) View from mounting side</p>			
<p>Part Numbers</p>	<p>Operating Force</p>	<p>H=Height</p>	<p>Push Plate Color</p>	<p>Operating Life</p>
EVQ21304M	1.0 N	4.3 mm	White	100,000 cycles
EVQ21305R	1.0 N	5.0 mm	Red	100,000 cycles
EVQ21307K	1.0 N	7.0 mm	Black	100,000 cycles
EVQ21309K	1.0 N	9.5 mm	Black	100,000 cycles
EVQ21404M	1.3 N	4.3 mm	White	100,000 cycles
EVQ21405R	1.3 N	5.0 mm	Red	100,000 cycles
EVQ21407K	1.3 N	7.0 mm	Black	100,000 cycles
EVQ21409K	1.3 N	9.5 mm	Black	100,000 cycles
EVQ21504M	1.6 N	4.3 mm	White	100,000 cycles
EVQ21505R	1.6 N	5.0 mm	Red	100,000 cycles
EVQ21507K	1.6 N	7.0 mm	Black	100,000 cycles
EVQ21509K	1.6 N	9.5 mm	Black	100,000 cycles
EVQ22704M	2.6 N	4.3 mm	White	50,000 cycles
EVQ22705R	2.6 N	5.0 mm	Red	50,000 cycles
EVQ22707K	2.6 N	7.0 mm	Black	50,000 cycles
EVQ22709K	2.6 N	9.5 mm	Black	50,000 cycles

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