



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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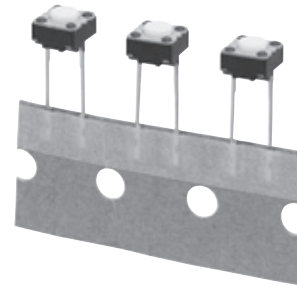
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5N Type 2R Light Touch Switches

Type: **EVQ2**



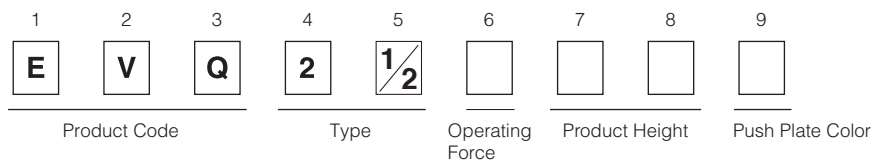
■ Features

- 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.

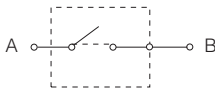
■ Recommended Applications

- Operating switches for electronic equipment

■ Explanation of Part Numbers



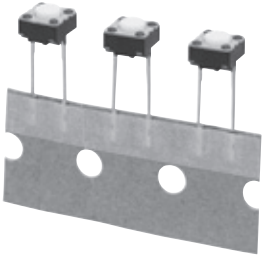
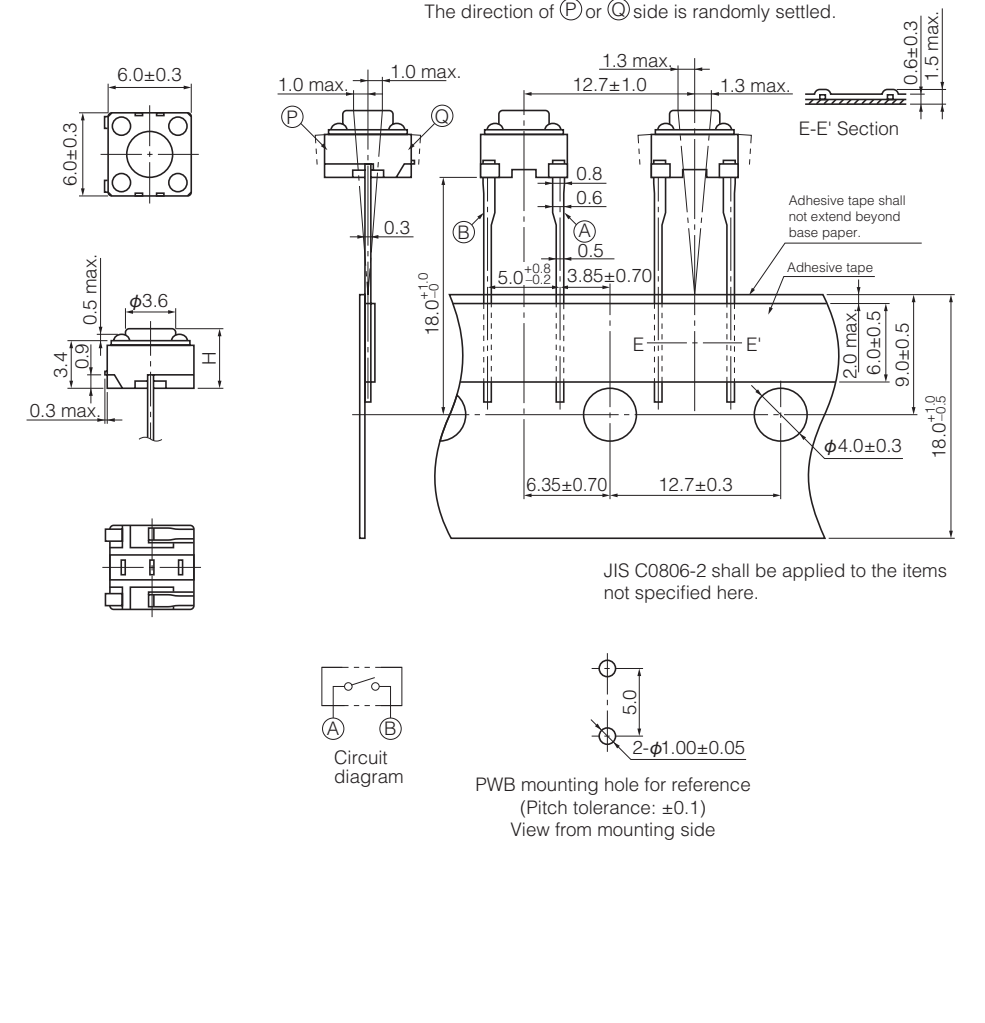
■ Specifications

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
	Travel	2.6 N±0.6 N
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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