



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



5N Type Side-operational Light Touch Switches

Type: **EVQPF**



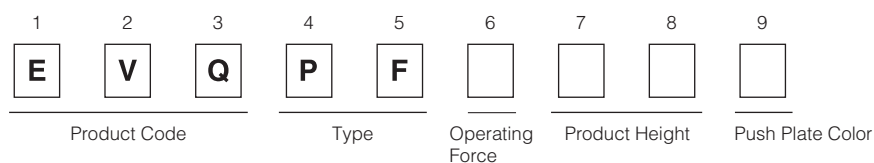
■ Features

- 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 other 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)	
Minimum Quantity/Packing Unit		500 pcs. Polyethylene Bag (Bulk)	
Quantity/Carton		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)

EVQPF

General dimension tolerance : ± 0.3
() dimensions are reference dimensions.

PWB mounting hole for reference
(PWB thickness=1.6 mm)
View from mounting side

Circuit diagram

Part Numbers	Operating Force	ℓ=Push Plate Place	Push Plate Color	Operating Life
EVQPF003M	1.0 N	3.15 mm	White	100,000 cycles
EVQPF004R	1.0 N	3.85 mm	Red	100,000 cycles
EVQPF006K	1.0 N	5.85 mm	Black	100,000 cycles
EVQPF008K	1.0 N	8.35 mm	Black	100,000 cycles
EVQPF103M	1.3 N	3.15 mm	White	100,000 cycles
EVQPF104R	1.3 N	3.85 mm	Red	100,000 cycles
EVQPF106K	1.3 N	5.85 mm	Black	100,000 cycles
EVQPF108K	1.3 N	8.35 mm	Black	100,000 cycles
EVQPF203M	1.6 N	3.15 mm	White	100,000 cycles
EVQPF204R	1.6 N	3.85 mm	Red	100,000 cycles
EVQPF206K	1.6 N	5.85 mm	Black	100,000 cycles
EVQPF208K	1.6 N	8.35 mm	Black	100,000 cycles
EVQPF303M	2.6 N	3.15 mm	White	50,000 cycles
EVQPF304R	2.6 N	3.85 mm	Red	50,000 cycles
EVQPF306K	2.6 N	5.85 mm	Black	50,000 cycles
EVQPF308K	2.6 N	8.35 mm	Black	50,000 cycles

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