

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

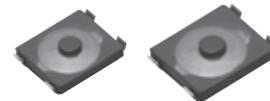
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### 3.0 mm×2.6 mm SMD Light Touch Switches

Type: **EVPAF/EVP0A**



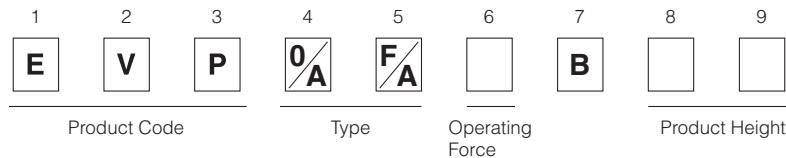
#### ■ Features

- External dimensions: 3.0 mm×2.6 mm, Height 0.65 mm, 0.70 mm
- High operability  
Equipped with an actuator (push plate)

#### ■ Recommended Applications

- Operation switches for portable electronic equipment  
(Mobile phone, Portable audio)

#### ■ Explanation of Part Numbers



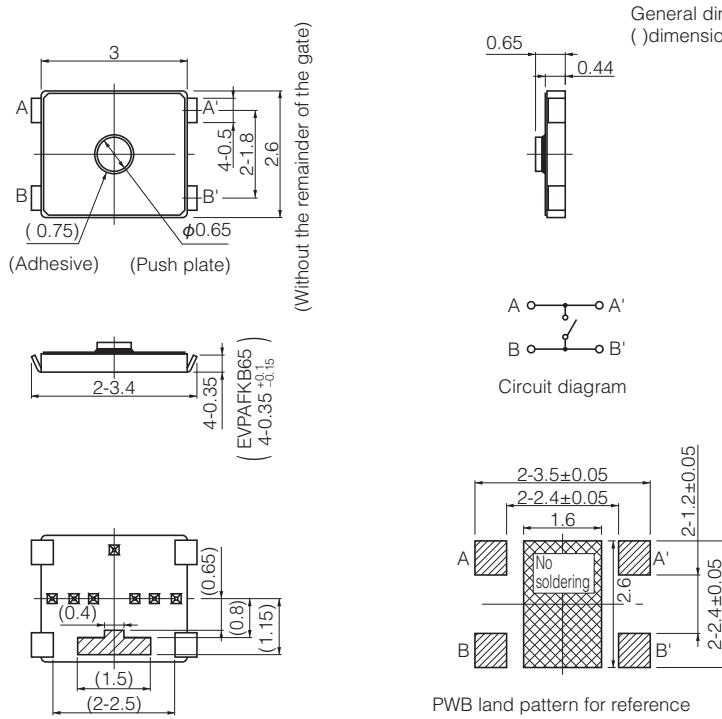
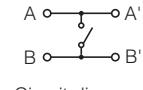
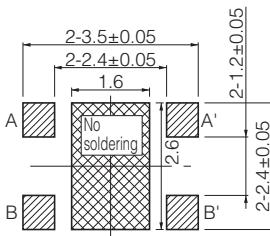
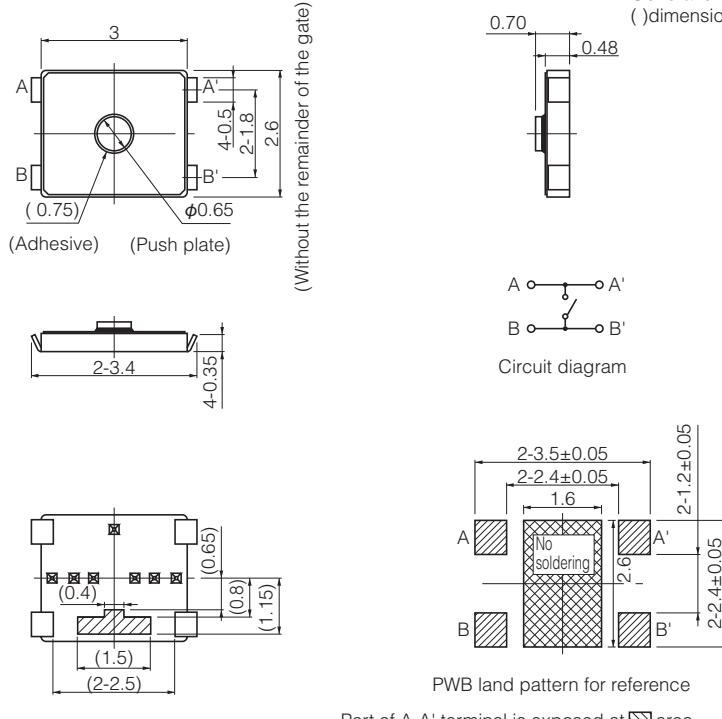
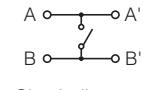
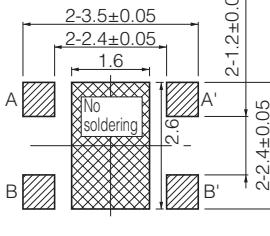
#### ■ Specifications

Type	Snap action/Push-on type SPST	
Electrical	Rating	10 µA 2 V DC to 20 mA 15 V DC (Resistive load)
	Contact Resistance	500 mΩ max.
	Insulation Resistance	50 MΩ min. (at 100 V DC)
	Dielectric Withstanding Voltage	250 V AC for 1 minute
	Bouncing	10 ms max. (ON, OFF)
Mechanical	Operating Force	1.3 N, 1.6 N, 2.4 N, 3.4 N
	Travel	0.15 mm
Endurance	Operating Life	1.3 N, 1.6 N, 3.4 N : 100,000 cycles min., 1.6 N (Low profile) 2.4 N : 500,000 cycles min.
Operating Temperature		-40 °C to +85 °C
Storage Temperature		-40 °C to +85 °C (Bulk) -20 °C to +60 °C (Taping)
Minimum Quantity/Packing Unit		8,000 pcs. Embossed Taping (Reel Pack)
Quantity/Carton		40,000 pcs.

Note: Non washable

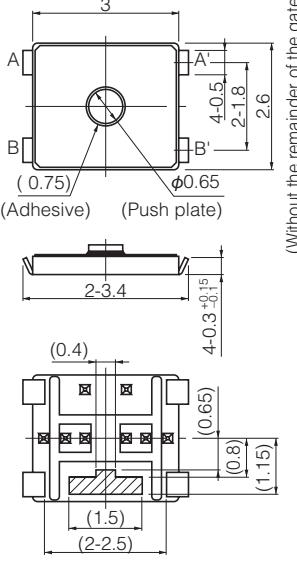
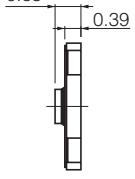
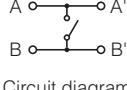
Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.  
Should a safety concern arise regarding this product, please be sure to contact us immediately.

### Dimensions in mm (not to scale)

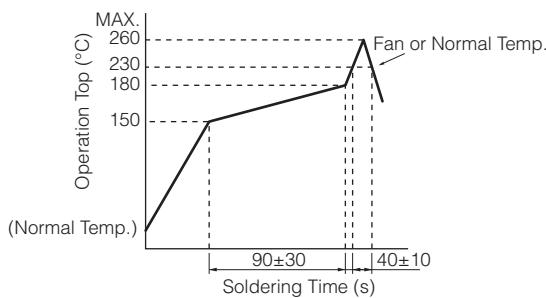
No. 1		General dimension tolerance : $\pm 0.1$ ( )dimensions are reference dimensions.	
EVPAF (Embossed Taping)			
With J-bent terminals			
			
			
		<p>Part of A-A' terminal is exposed at  area. Any land pattern or vias shall not be provided at  area.</p>	
Part Numbers		Operating Force	Height
EVPAFKB65		1.3 N	0.65 mm
EVPAFFB65		1.6 N	0.65 mm
No. 2		General dimension tolerance : $\pm 0.1$ ( )dimensions are reference dimensions.	
EVPAF (Embossed Taping)			
With J-bent terminals			
			
			
		<p>Part of A-A' terminal is exposed at  area. Any land pattern or vias shall not be provided at  area.</p>	
Part Numbers		Operating Force	Height
EVPAF5B70		3.4 N	0.70 mm
EVPAF7B70		2.4 N	0.70 mm
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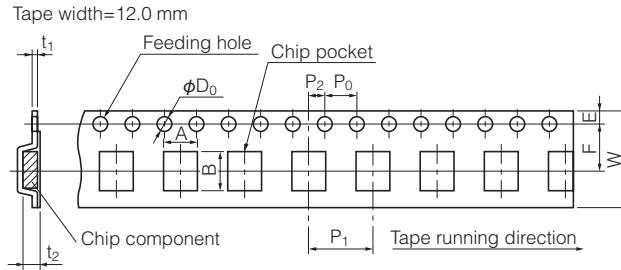
### ■ Dimensions in mm (not to scale)

No. 3	General dimension tolerance : $\pm 0.1$ ( )dimensions are reference dimensions.
EVPAF Low profile (Embossed Taping) With J-bent terminals	    
Part Numbers	Operating Force
EVP0AFB65	1.6 N
EVPAF7B65	2.4 N
EVPAF5B65	3.4 N

### ■ Recommended Reflow Soldering Conditions



### ● Embossed Carrier Taping



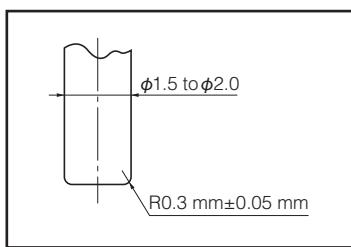
Taping condition : Lack of products in the middle of taping should be one MAX, but total quantity specified in the specifications should be secured.

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	P1	P2	P0	Do Dia	t1	t2
EVPAF EVPOAF	0.65/0.70	3.75±0.2	2.95±0.2	12.0±0.3	5.5±0.1	1.75±0.1	8.0±0.1	2.0±0.1	4.0±0.1	1.5±0.3	0.3±0.1	0.8±0.2

### ■ Recommended Shape of Test Pole



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