



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

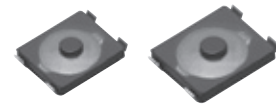
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



3.0 mm×2.6 mm SMD Light Touch Switches

Type: **EVPAF/EVP0A**



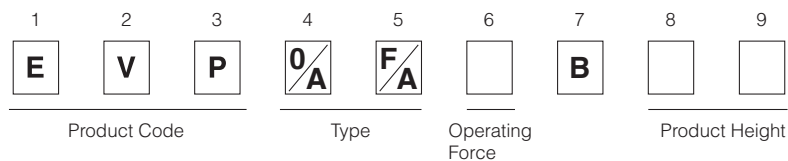
■ Features

- 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



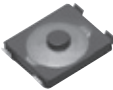
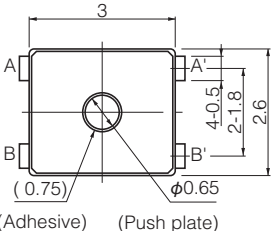
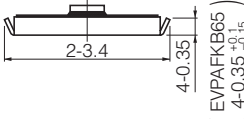
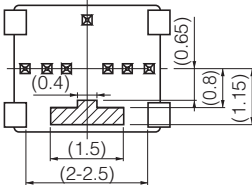
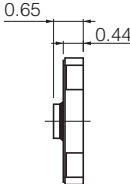

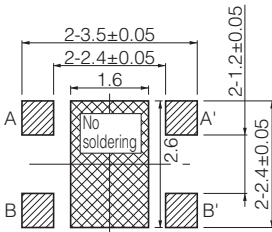


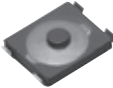
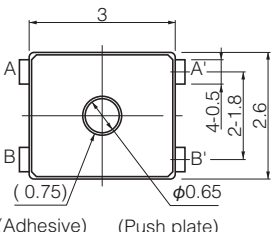
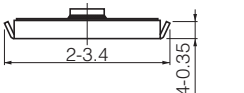
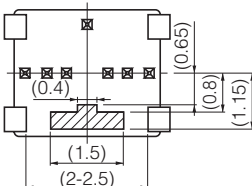
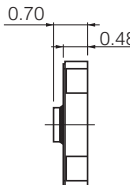
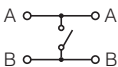
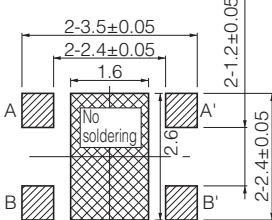


■ Specifications

Type		Snap action/Push-on type SPST
Electrical	Rating	10 μ A 2 V DC to 20 mA 15 V DC (Resistive load)
	Contact Resistance	500 m Ω max.
	Insulation Resistance	50 M Ω 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

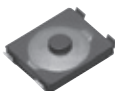
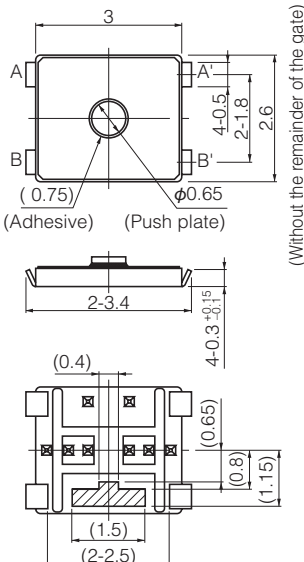
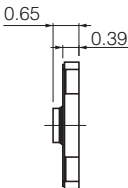
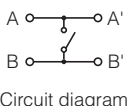
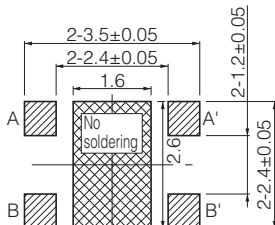


Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.
Should a safety concern arise regarding this product, please be sure to contact us immediately.

■ Dimensions in mm (not to scale)

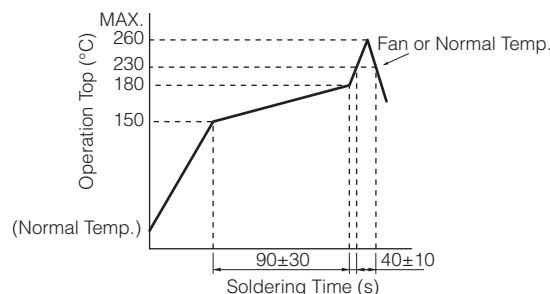
<div>No. 1</div>			
<div>EVPAF</div> <div>(Embossed Taping)</div> <div>With J-bent terminals</div> <div></div>	<div><div>(Adhesive) (Push plate)</div></div> <div><div>(EVPAFKB65) (4-0.35^{+0.15}_{-0.15})</div></div> <div></div>	<div>(Without the remainder of the gate)</div> <div><div>0.650.44</div></div> <div><div>Circuit diagram</div></div> <div><div>PWB land pattern for reference</div><div>Part of A-A' terminal is exposed at  area. Any land pattern or vias shall not be provided at  area.</div></div>	<div>General dimension tolerance : ± 0.1 () dimensions are reference dimensions.</div>
Part Numbers	Operating Force	Height	Operating Life
EVPAFKB65	1.3 N	0.65 mm	100,000 cycles
EVPAFFB65	1.6 N	0.65 mm	100,000 cycles
<div>No. 2</div>			
<div>EVPAF</div> <div>(Embossed Taping)</div> <div>With J-bent terminals</div> <div></div>	<div><div>(Adhesive) (Push plate)</div></div> <div><div>4-0.35</div></div> <div></div>	<div>(Without the remainder of the gate)</div> <div><div>0.700.48</div></div> <div><div>Circuit diagram</div></div> <div><div>PWB land pattern for reference</div><div>Part of A-A' terminal is exposed at  area. Any land pattern or vias shall not be provided at  area.</div></div>	<div>General dimension tolerance : ± 0.1 () dimensions are reference dimensions.</div>
Part Numbers	Operating Force	Height	Operating Life
EVPAF5B70	3.4 N	0.70 mm	100,000 cycles
EVPAF7B70	2.4 N	0.70 mm	500,000 cycles

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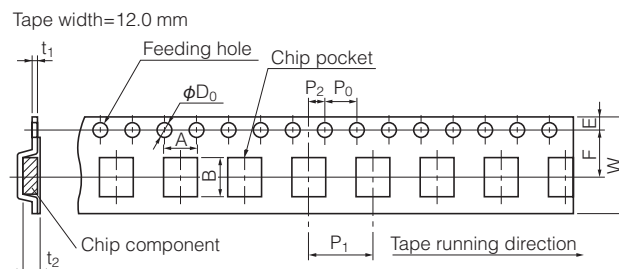
■ Dimensions in mm (not to scale)

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Part Numbers	Operating Force	Height	Operating Life
EVP0AFB65	1.6 N	0.65 mm	500,000 cycles
EVPAF7B65	2.4 N	0.65 mm	500,000 cycles
EVPAF5B65	3.4 N	0.65 mm	100,000 cycles

■ 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.

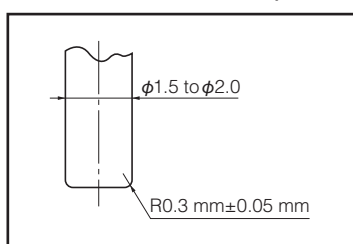
Peeling off strength of top tape : It should be within 0.2N to 1.0N at 165 degree in peeling off angle.

Joint of carrier tape : One joint per one reel may exist.

Unit: mm

Part No.	Height	A	B	W	F	E	P ₁	P ₂	P ₀	D ₀ Dia	t ₁	t ₂
EVPAF	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
EVP0AF												

■ Recommended Shape of Test Pole



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