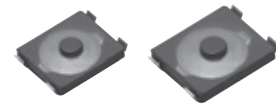


### 3.0 mm×2.6 mm SMD Light Touch Switches

Type: **EVPAF**



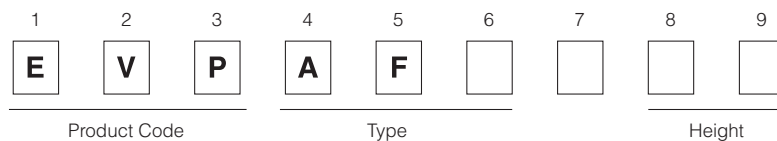
#### ■ Features

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

#### ■ Recommended Applications

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

#### ■ Explanation of Part Numbers



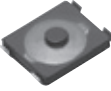
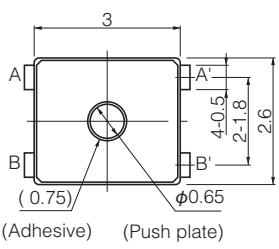
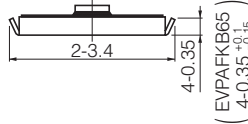
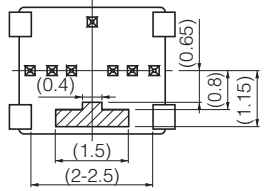
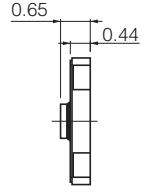
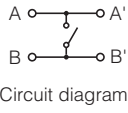
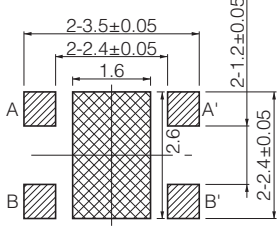


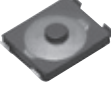
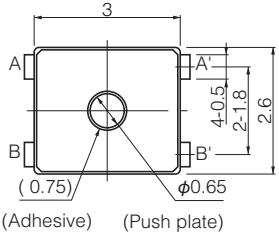
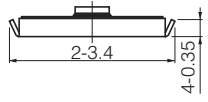
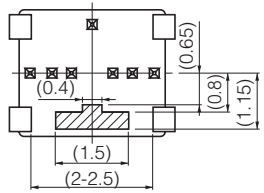
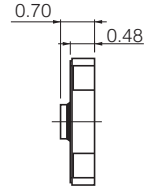
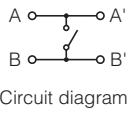
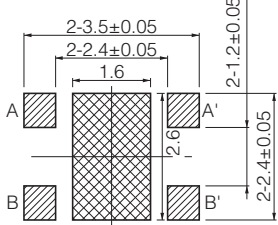


#### ■ Specifications

Type		Snap action/Push-on type SPST
Electrical	Rating	10 $\mu$ A 2 Vdc to 20 mA 15 Vdc (Resistive load)
	Contact Resistance	500 m $\Omega$ max.
	Insulation Resistance	50 M $\Omega$ min. (at 100 Vdc)
	Dielectric Withstanding Voltage	250 Vac 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 : 100000 cycles min., 2.4 N : 500000 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		8000 pcs. Embossed Taping (Reel Pack)
Quantity/Carton		40000 pcs.

Note: Non washable

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Should a safety concern arise regarding this product, please be sure to contact us immediately.

■ Dimensions in mm (not to scale)

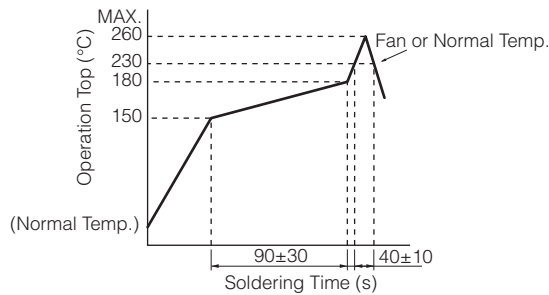
<p>No. 1</p> <p><b>EVPAF</b> (Embossed Taping) With J-bent terminals</p> 	 <p>(Without the remainder of the gate)</p>  	  <p>Circuit diagram</p>  <p>PWB land pattern for reference</p> <p>Part of A-A' terminal is exposed at  area. Any land pattern or vias shall not be provided at  area.</p>	<table border="1"> <thead> <tr> <th>Part Numbers</th> <th>Operating Force</th> <th>Height</th> <th>Operating Life</th> </tr> </thead> <tbody> <tr> <td>EVPAFKB65</td> <td>1.3 N</td> <td>0.65 mm</td> <td>100000 cycles</td> </tr> <tr> <td>EVPAFFB65</td> <td>1.6 N</td> <td>0.65 mm</td> <td>100000 cycles</td> </tr> </tbody> </table>	Part Numbers	Operating Force	Height	Operating Life	EVPAFKB65	1.3 N	0.65 mm	100000 cycles	EVPAFFB65	1.6 N	0.65 mm	100000 cycles
Part Numbers	Operating Force	Height	Operating Life												
EVPAFKB65	1.3 N	0.65 mm	100000 cycles												
EVPAFFB65	1.6 N	0.65 mm	100000 cycles												
<p>No. 2</p> <p><b>EVPAF</b> (Embossed Taping) With J-bent terminals</p> 	 <p>(Without the remainder of the gate)</p>  	  <p>Circuit diagram</p>  <p>PWB land pattern for reference</p> <p>Part of A-A' terminal is exposed at  area. Any land pattern or vias shall not be provided at  area.</p>	<table border="1"> <thead> <tr> <th>Part Numbers</th> <th>Operating Force</th> <th>Height</th> <th>Operating Life</th> </tr> </thead> <tbody> <tr> <td>EVPAF5B70</td> <td>3.4 N</td> <td>0.7 mm</td> <td>100000 cycles</td> </tr> <tr> <td>EVPAF7B70</td> <td>2.4 N</td> <td>0.7 mm</td> <td>500000 cycles</td> </tr> </tbody> </table>	Part Numbers	Operating Force	Height	Operating Life	EVPAF5B70	3.4 N	0.7 mm	100000 cycles	EVPAF7B70	2.4 N	0.7 mm	500000 cycles
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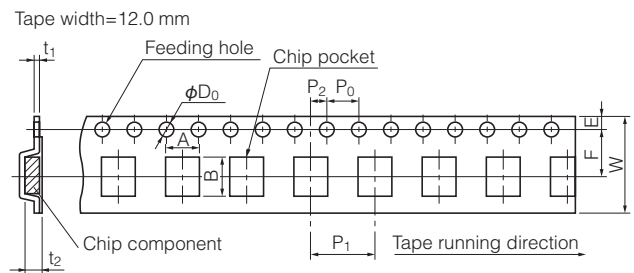
### ■ Dimensions in mm (not to scale)

<p><b>No. 3</b></p> <p><b>EVPAF</b></p> <p>Low profile (Embossed Taping)</p> <p>With J-bent terminals</p>	<p>(Without the remainder of the gate)</p> <p>PWB land pattern for reference</p> <p>Part of A-A' terminal is exposed at  area. Any land pattern or vias shall not be provided at  area.</p>	<p>Circuit diagram</p>	
Part Numbers	Operating Force	Height	Operating Life
EVPOAFB65	1.6 N	0.65 mm	500000 cycles
EVPAF7B65	2.4 N	0.65 mm	500000 cycles
EVPAF5B65	3.4 N	0.65 mm	100000 cycles

### ■ Recommended Reflow Soldering Conditions



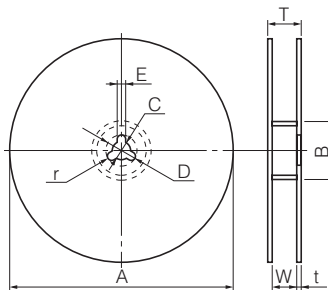
### ● Embossed Carrier Taping



Part No.	Height	A	B	W	F	E	P <sub>1</sub>	P <sub>2</sub>	P <sub>0</sub>	D <sub>0</sub> Dia	t <sub>1</sub>	t <sub>2</sub>
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

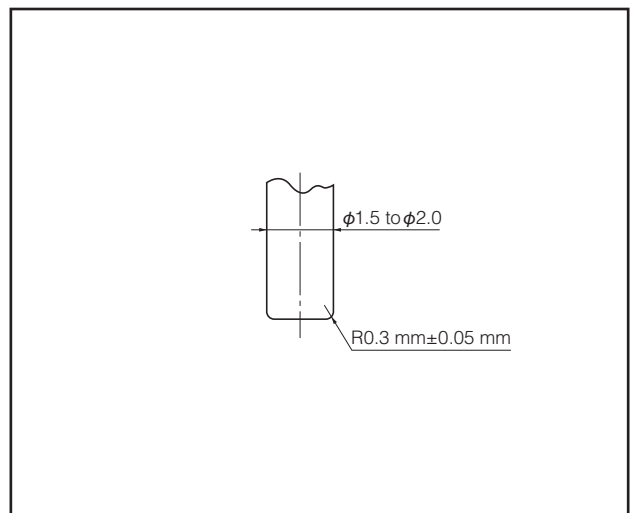
Unit: mm

### ● Standard Reel Dimensions in mm (not to scale)



Item	A	B	C	D	E
Rate (mm)	φ380.0±2.0	φ80.0±1.0	φ13.0±0.5	φ21.0±1.0	2.0±0.5
Item	W	T	t	r	
Rate (mm)	13.5±1.0	17.5±1.0	-	-	

### ■ Recommended Shape of Test Pole



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