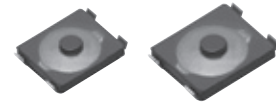


3.0 mm×2.6 mm SMD Light Touch Switches

Type: **EVPAF**



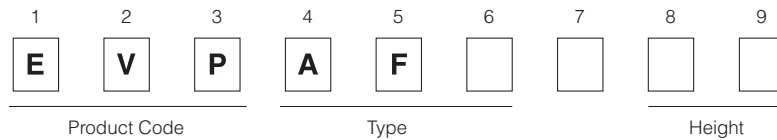
■ Features

- 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



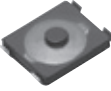
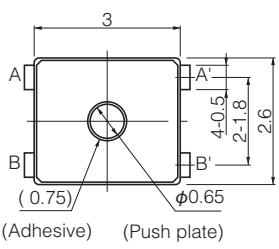
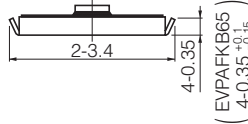
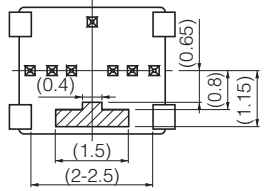
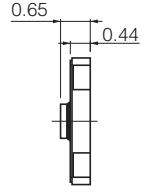
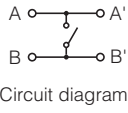
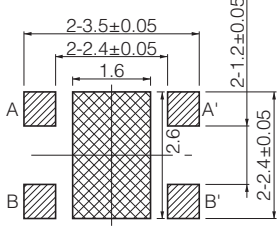


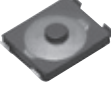
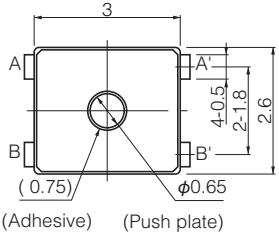
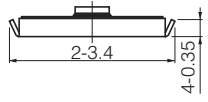
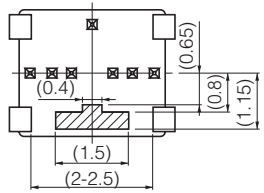
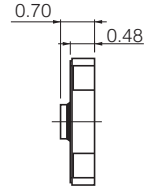
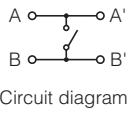
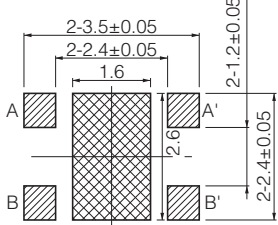


■ Specifications

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

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)

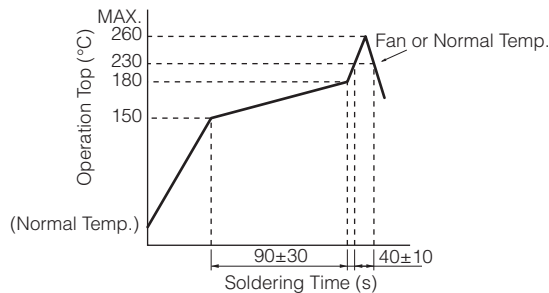
<p>No. 1</p> <p>EVPAF (Embossed Taping) With J-bent terminals</p> 	 <p>(Without the remainder of the gate)</p>  	  <p>Circuit diagram</p>  <p>PWB land pattern for reference</p> <p>Part of A-A' terminal is exposed at  area. Any land pattern or vias shall not be provided at  area.</p>	<table border="1"> <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												
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EVPAFFB65	1.6 N	0.65 mm	100000 cycles												
<p>No. 2</p> <p>EVPAF (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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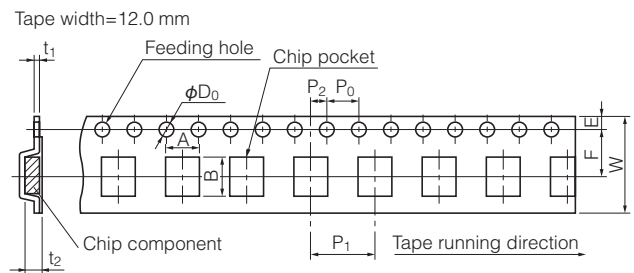
■ Dimensions in mm (not to scale)

<p>No. 3</p> <p>EVPAF</p> <p>Low profile (Embossed Taping)</p> <p>With J-bent terminals</p>	<p style="text-align: center;">PWB land pattern for reference</p> <p style="font-size: small;">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	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



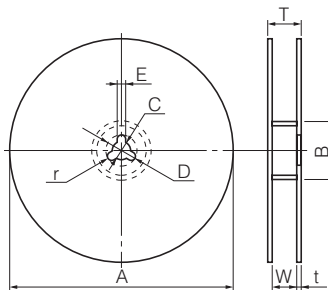
● Embossed Carrier Taping



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

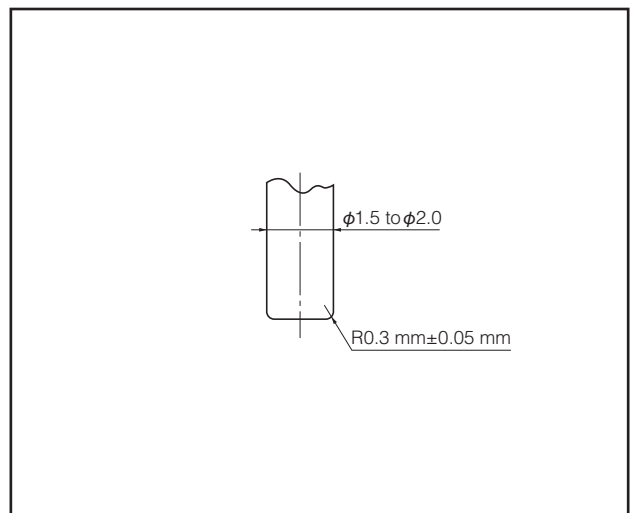
Unit: mm

● 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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