

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)

■ Recommended Applications

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

■ Explanation of Part Numbers

1	2	3	4	5	6	7	8	9
E	V	P	A	F				
Product Code			Type			Height		

■ Specifications


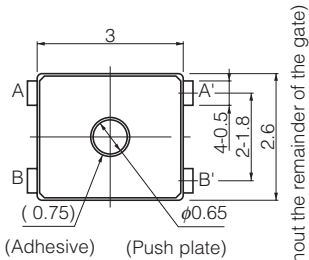
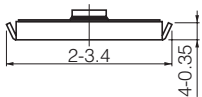
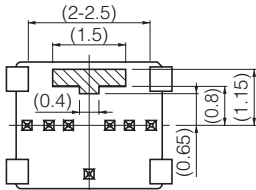
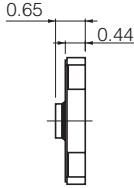
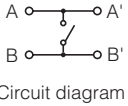
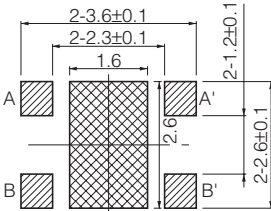


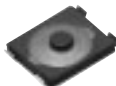
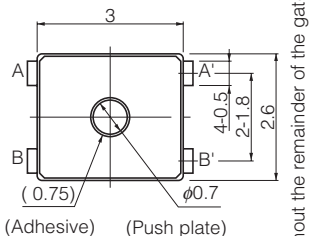
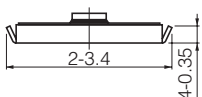
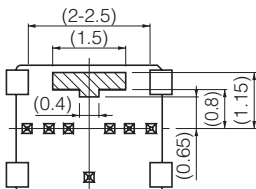
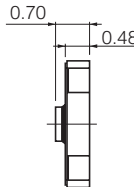
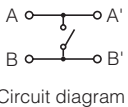
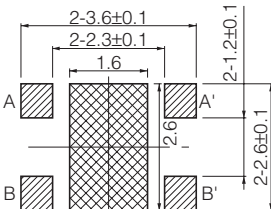


Type		Snap action/Push-on type SPST
Electrical	Rating	10 μ A 2 Vdc to 20 mA 15 Vdc (Resistive load)
	Contact Resistance	500 m Ω max.
	Insulation Resistance	50 M Ω min. (at 100 Vdc)
	Dielectric Withstanding Voltage	250 Vac for 1 minute
	Bouncing	10 ms max. (ON, OFF)
Mechanical	Operating Force	1.6 N, 2.4 N, 3.4 N
	Travel	0.15 mm
Endurance	Operating Life	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.

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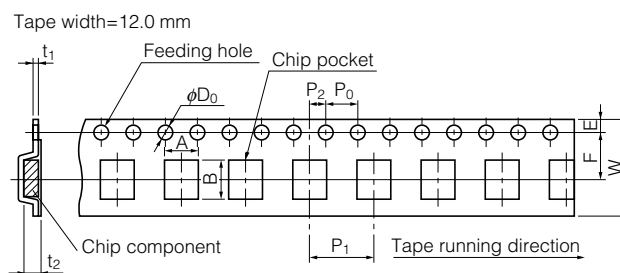
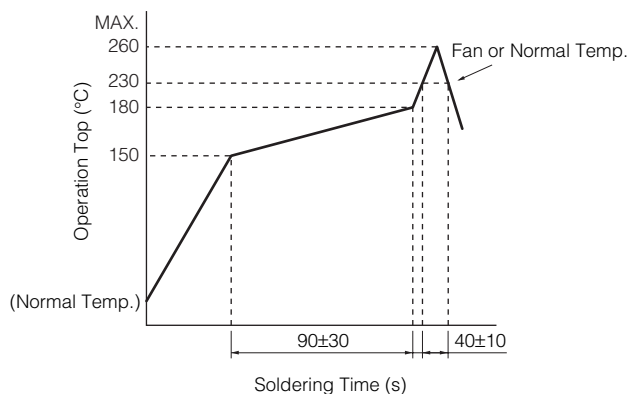
■ Dimensions in mm (not to scale)

<div>No. 1</div> <div>EVPAF</div> <div>(Embossed Taping)</div> <div>With J-bent terminals</div> 	<div>       <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> </div>		
<div>Part Numbers</div> <div>EVPAFFB65</div>	<div>Operating Force</div> <div>1.6 N</div>	<div>Height</div> <div>0.65 mm</div>	<div>Operating Life</div> <div>100000 cycles</div>
<div>No. 2</div> <div>EVPAF</div> <div>(Embossed Taping)</div> <div>With J-bent terminals</div> 	<div>       <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> </div>		
<div>Part Numbers</div> <div>EVPAF5B70</div> <div>EVPAF7B70</div>	<div>Operating Force</div> <div>3.4 N</div> <div>2.4 N</div>	<div>Height</div> <div>0.7 mm</div> <div>0.7 mm</div>	<div>Operating Life</div> <div>100000 cycles</div> <div>500000 cycles</div>

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■ Recommended Reflow Soldering Conditions

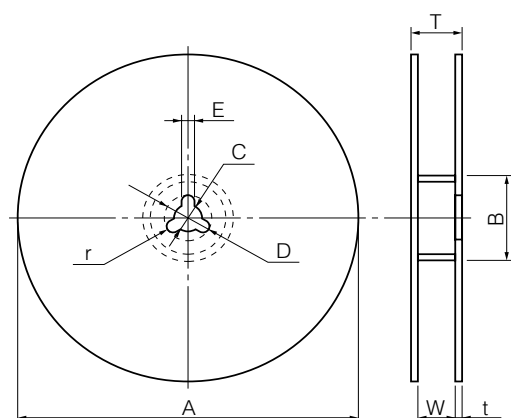
- Embossed Carrier Taping



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

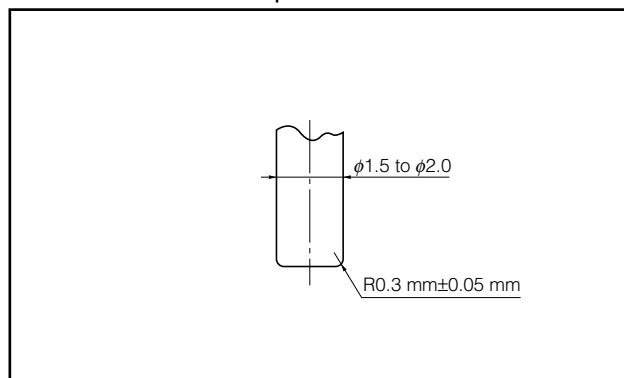
● Standard Reel Dimensions in mm (not to scale)



Item	A	B	C	D	E
Rate (mm)	$\phi 380.0 \pm 2.0$	$\phi 80.0 \pm 1.0$	$\phi 13.0 \pm 0.5$	$\phi 21.0 \pm 1.0$	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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