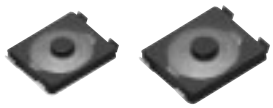
3.0 mm×2.6 mm SMD Light Touch Switches

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

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 μA 2 Vdc to 20 mA 15 Vdc (Resistive load)
	Contact Resistance	500 mΩ max.
	Insulation Resistance	50 MΩ 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.

00 Oct. 2012

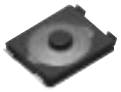
■ Dimensions in mm (not to scale)

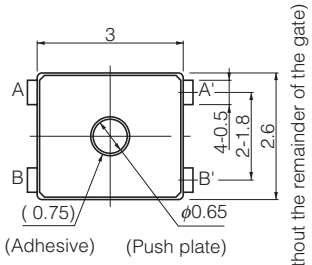
No. 1

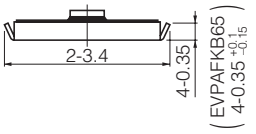
EVPAF

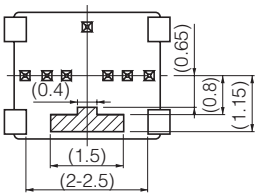
(Embossed Taping)

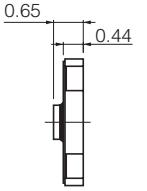
With J-bent terminals

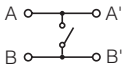




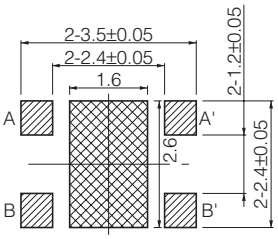








Circuit diagram



PWB land pattern for reference

Part of A-A' terminal is exposed at area.
Any land pattern or vias shall not be provided at area.

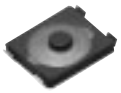
Part Numbers	Operating Force	Height	Operating Life
EVPAFKB65	1.3 N	0.65 mm	100000 cycles
EVPAFFB65	1.6 N	0.65 mm	100000 cycles

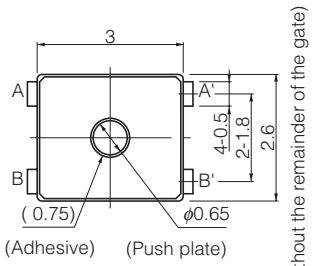
No. 2

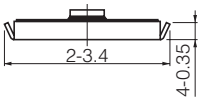
EVPAF

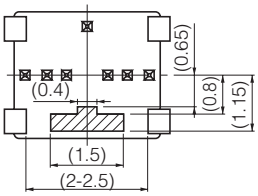
(Embossed Taping)

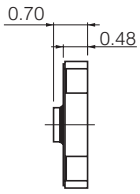
With J-bent terminals

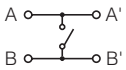




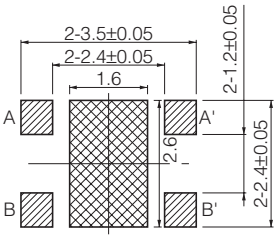








Circuit diagram



PWB land pattern for reference

Part of A-A' terminal is exposed at area.
Any land pattern or vias shall not be provided at area.

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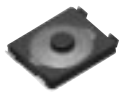
Should a safety concern arise regarding this product, please be sure to contact us immediately.

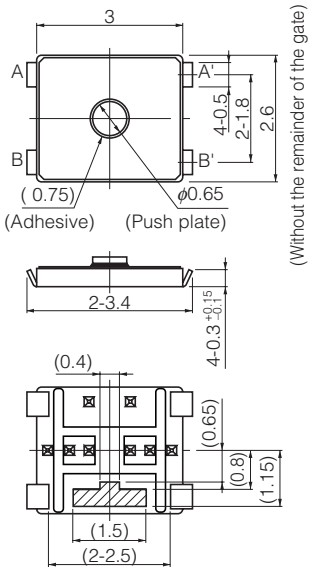
No. 3

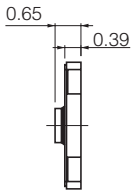
EVPAF

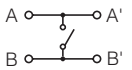
Low profile
(Embossed Taping)

With J-bent terminals

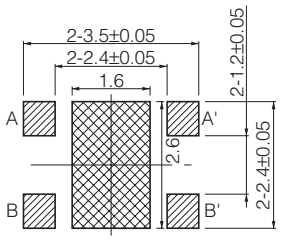








Circuit diagram

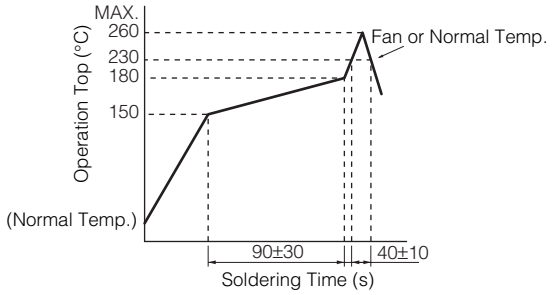


PWB land pattern for reference

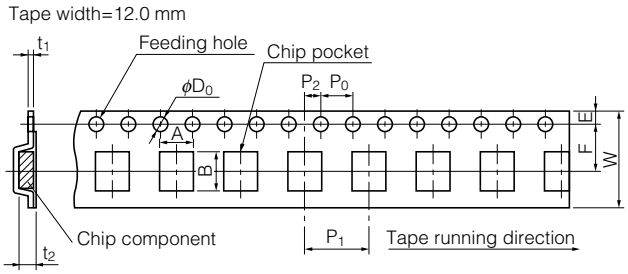
Part of A-A' terminal is exposed at area.
Any land pattern or vias shall not be provided at area.

Part Numbers	Operating Force	Height	Operating Life
EVP0AFB65	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



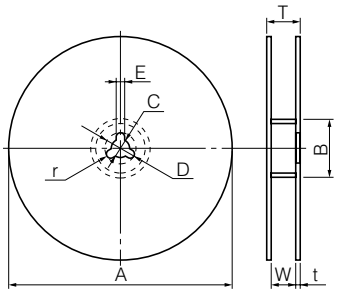
● Embossed Carrier Taping



Unit: mm

Part No.	Height	A	B	W	F	E	P1	P2	P0	D0 Dia	t1	t2
EVPAF EVP0AF	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

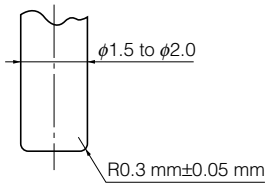
● Standard Reel Dimensions in mm (not to scale)



Item	A	B	C	D	E
Rate (mm)	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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