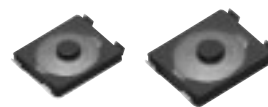


3.0 mm×2.6 mm SMD Light Touch Switches

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

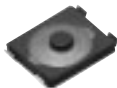
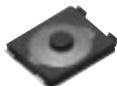
Type		Snap action/Push-on type SPST
Electrical	Rating	10 μ A 2 Vdc to 20 mA 15 Vdc (Resistive load)
	Contact Resistance	500 m Ω max.
	Insulation Resistance	50 M Ω min. (at 100 Vdc)
	Dielectric Withstanding Voltage	250 Vac for 1 minute
	Bouncing	10 ms max. (ON, OFF)
Mechanical	Operating Force	1.3 N, 1.6 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

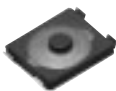
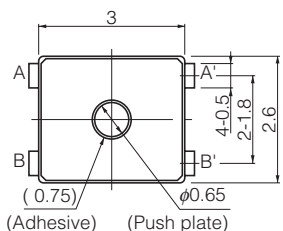
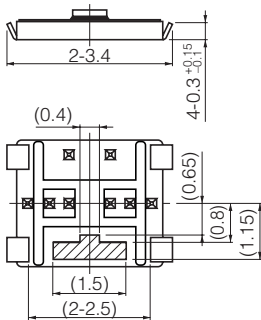
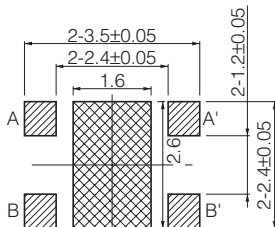
Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.
Should a safety concern arise regarding this product, please be sure to contact us immediately.

00 Oct. 2012

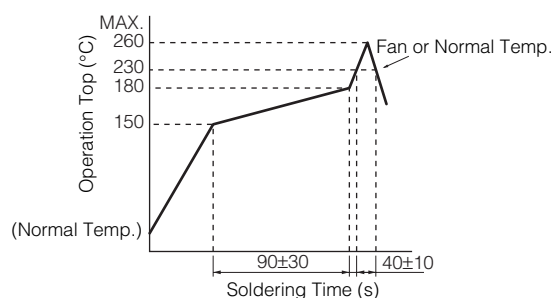
■ Dimensions in mm (not to scale)

No. 1 EVPAF (Embossed Taping) With J-bent terminals 	3 4-0.5 2-1.8 2.6 0.65 (0.75) (Adhesive) (Push plate) (Without the remainder of the gate) 2-3.4 4-0.35 (EVPAFKB65) 4-0.35$\pm$0.15 (0.4) (0.65) (0.8) (1.15) (1.5) (2-2.5) 0.65 0.44 A A' B B' Circuit diagram 2-3.5$\pm$0.05 2-2.4$\pm$0.05 1.6 2-1.2$\pm$0.05 2-2.4$\pm$0.05 2.6 1.1 PWB land pattern for reference Part of A-A' terminal is exposed at  area. Any land pattern or vias shall not be provided at  area.		
Part Numbers EVPAFKB65 EVPAFFB65	Operating Force 1.3 N 1.6 N	Height 0.65 mm 0.65 mm	Operating Life 100000 cycles 100000 cycles
No. 2 EVPAF (Embossed Taping) With J-bent terminals 	3 4-0.5 2-1.8 2.6 0.65 (0.75) (Adhesive) (Push plate) (Without the remainder of the gate) 2-3.4 4-0.35 (0.4) (0.65) (0.8) (1.15) (1.5) (2-2.5) 0.70 0.48 A A' B B' Circuit diagram 2-3.5$\pm$0.05 2-2.4$\pm$0.05 1.6 2-1.2$\pm$0.05 2-2.4$\pm$0.05 2.6 1.1 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 EVPAF5B70 EVPAF7B70	Operating Force 3.4 N 2.4 N	Height 0.7 mm 0.7 mm	Operating Life 100000 cycles 500000 cycles

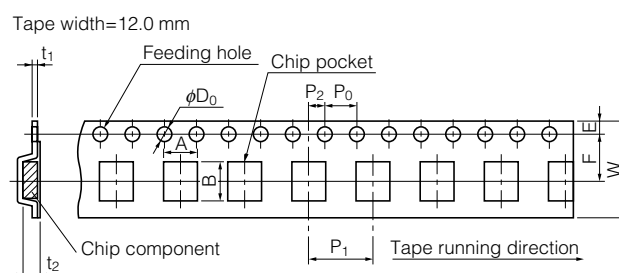
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No. 3 EVPAF Low profile (Embossed Taping) With J-bent terminals 	 (Without the remainder of the gate)   PWB land pattern for reference Part of A-A' terminal is exposed at  area. Any land pattern or vias shall not be provided at  area.  Circuit diagram		
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



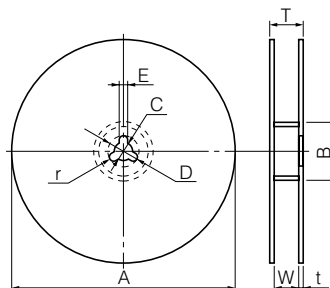
Embossed Carrier Taping



Unit: mm

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

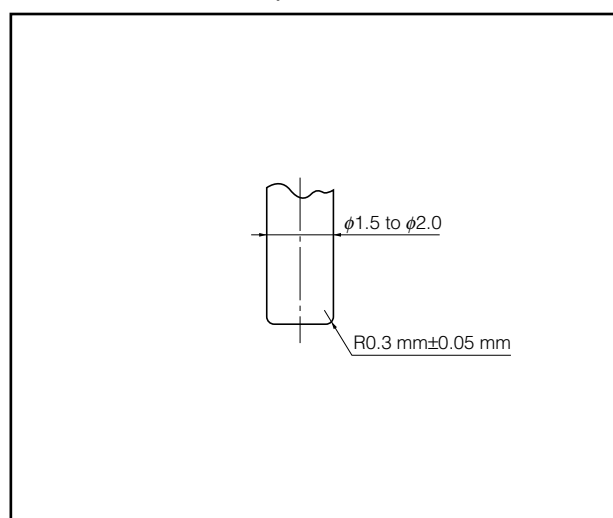
Standard Reel Dimensions in mm (not to scale)



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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