

4.7 mm×3.5 mm Double-action Side-operational SMD Light Touch Switches

Type: **EVPAJ**



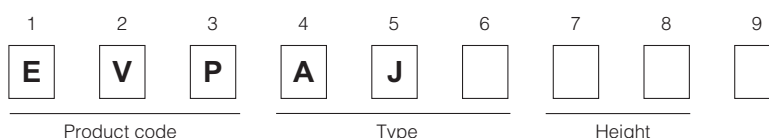
■ Features

- External dimensions : 4.7 mm×3.5 mm (Without push plate), Height : 1.2 mm
- With ground terminal

■ Recommended Applications

- Camera function
(Digital still cameras, Camcorders, Mobile phones, etc.)
- Operating switches for menu scrolling and confirmation for portable equipment.

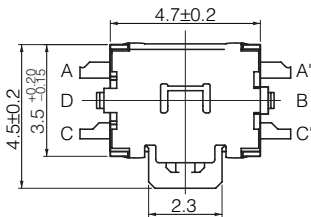
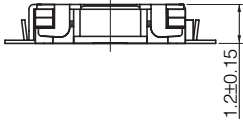
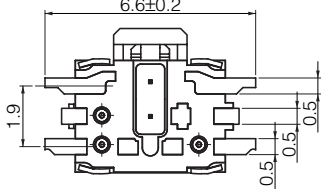
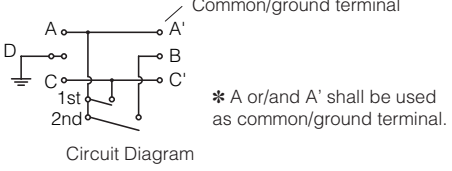
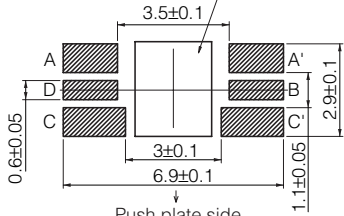
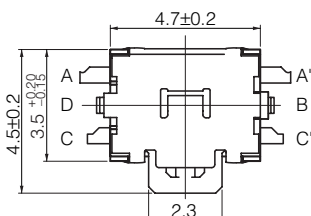
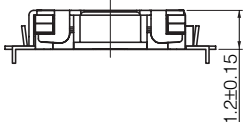
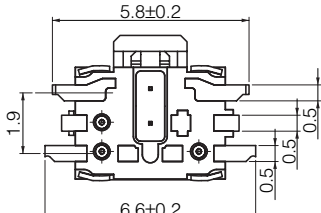
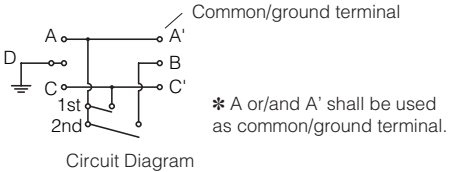
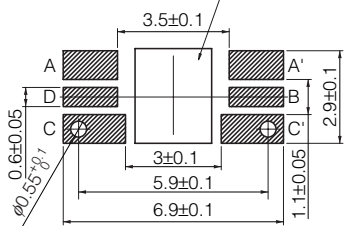
■ Explanation of Part Numbers



■ Specifications

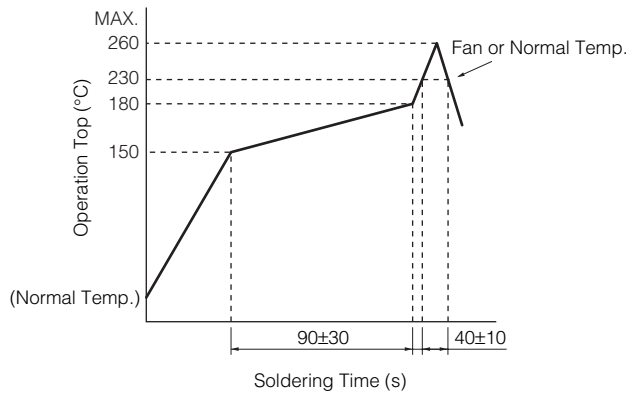
Type		Snap action/Push-on type SPDT
	Rating	10 μ A 2 Vdc to 20 mA 15 Vdc (Resistive load)
	Contact Resistance	500 m Ω max.
	Insulation Resistance	100 M Ω min. (at 100 Vdc)
	Dielectric Withstanding Voltage	250 Vac for 1 minute
	Bouncing	3 ms max. (ON) 20 ms max. (OFF)
Mechanical	Operating Force (1st Action)	1.6 N
	Operating Force (2nd Action)	2.6 N
	Travel (1st Action)	0.15 mm
	Travel (2nd Action)	0.4 mm
	Push Strength	30 N for 15 seconds
Endurance	Operating Life	100000 cycles min.
Operating Temperature		-20 °C to +70 °C
Storage Temperature		-40 °C to +85 °C (Bulk)
		-20 °C to +60 °C (Taping)
Minimum Quantity/Packing Unit		5000 pcs. Embossed Taping (Reel Pack)
Quantity/Carton		25000 pcs.

■ Dimensions in mm (not to scale)

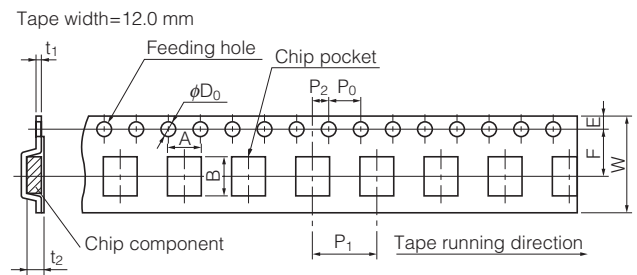
EVPAJ (Embossed Taping) With Ground Terminal Part Numbers : EVPAJAC1A 	    Circuit Diagram Please do not Provide any Land pattern in this area.  Push plate side PWB land pattern for reference(View from mounting side)
EVPAJ L-shape Part Numbers : EVPAJAE1A 	    Circuit Diagram Please do not Provide any Land pattern in this area.  Push plate side PWB land pattern for reference(View from mounting side)

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.

■ Recommended Reflow Soldering Conditions



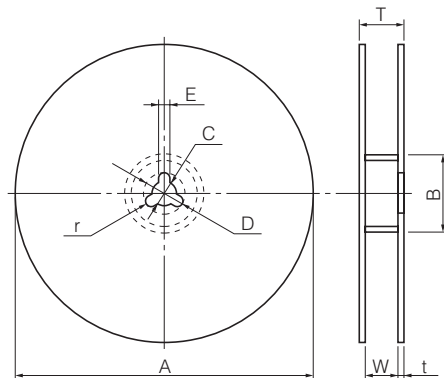
● Embossed Carrier Taping



Unit: mm

Part No.	Height	A	B	W	F	E	P_1	P_2	P_0	D_0 Dia.	t_1	t_2
EVPAJ	1.2	6.8 ± 0.2	4.9 ± 0.2	$12.0^{+0.3}_{-0.1}$	5.78 ± 0.1	1.75 ± 0.1	8.0 ± 0.1	2.0 ± 0.1	4.0 ± 0.1	$1.5^{+0.1}_{-0}$	0.3 ± 0.05	$1.95^{+0.3}_{-0}$

● 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	—	—