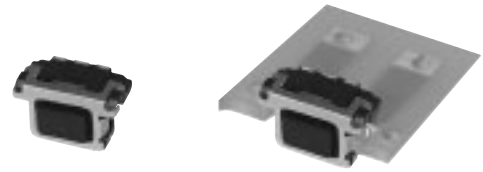


4.5 mm×2.2 mm Side-operational Edge Mount

Light Touch Switches

Type: **EVPAE**



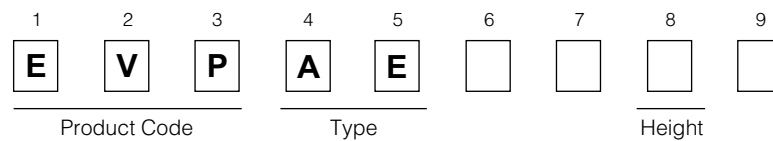
■ Features

- External dimensions : 4.5 mm×2.25 mm (Excluding the push plate), Height 2.9 mm (Printed circuit board being as low as 0.95 mm)
- Improved soldering strength in the operating direction
- Long operational life
- Measure against electro static discharge(ESD)

■ Recommended Applications

- Operation switches for portable electronic equipment (Mobile phones, Digital still cameras, Camcorders, Portable audio players, etc.)

■ Explanation of Part Numbers




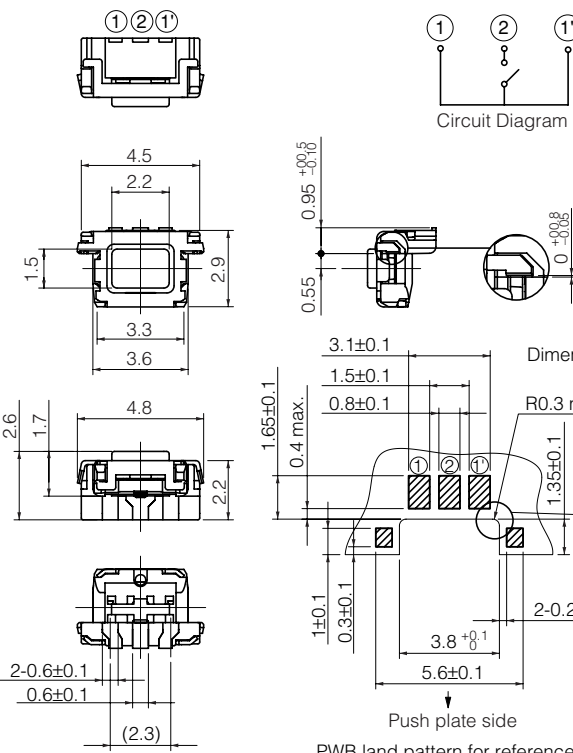
■ Specifications

Type		Snap action / Push-on type SPST
Electrical	Rating	10 μ A 2 Vdc to 20 mA 15 Vdc (Resistive load)
	Contact Resistance	1000 m Ω max.
	Insulation Resistance	100 M Ω min. (at 100 Vdc)
	Dielectric Withstanding Voltage	250 Vac (1 minute)
	Bouncing	10 ms max. (ON, OFF)
Mechanical	Operating Force	1.6 N
	Push Travel	0.15 mm
	Push Strength	50 N (1 minute)
Endurance	Operating Life	200000 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		3500 pcs. Embossed Taping (Reel Pack)
Quantity/Carton		17500 pcs.

■ Dimensions in mm (not to scale)

EVPAE

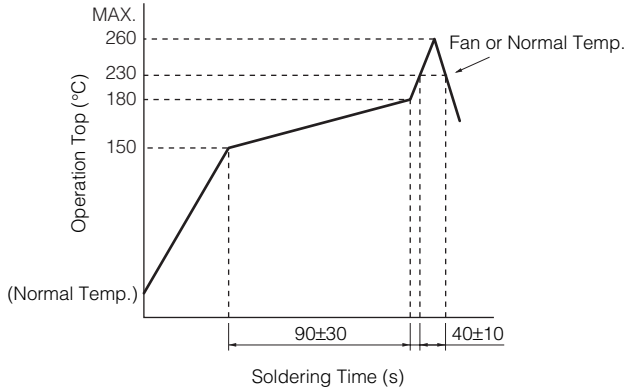




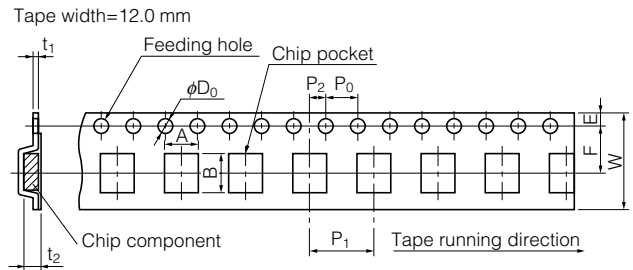
* Height from surface of PCB : 0.95 mm

Note : Please put your consideration not to let any burrs of printed wiring board stick out from the mounting surface of our switches.

■ Recommended Reflow Soldering Conditions

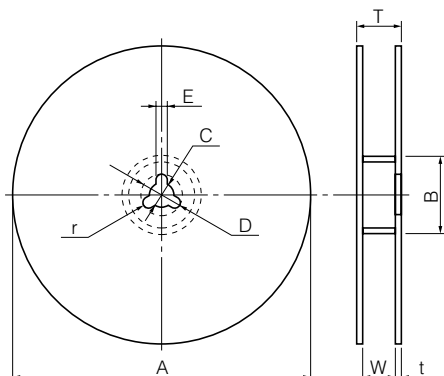


● Embossed Carrier Taping



Part No.	Height	A	B	W	F	E	P ₁	P ₂	P ₀	D ₀ Dia	t ₁	t ₂
EVPAE	2.9	5.5±0.2	2.9±0.2	12.0±0.3	5.5±0.1	1.75±0.10	8.0±0.1	2.0±0.1	4.0±0.1	1.5 ^{+0.1} ₀	0.3±0.1	3.3±0.20

● Standard Reel Dimensions in mm (not to scale)



Item	A	B	C	D	E
Rate (mm)	φ380.0±2.0	φ80.0 以上	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	—	—	