Panasonic

4.5 mm×2.2 mm Side-operational Edge Mount Light Touch Switches

Type: **EVPAE**



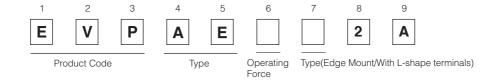
■ Features

- 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



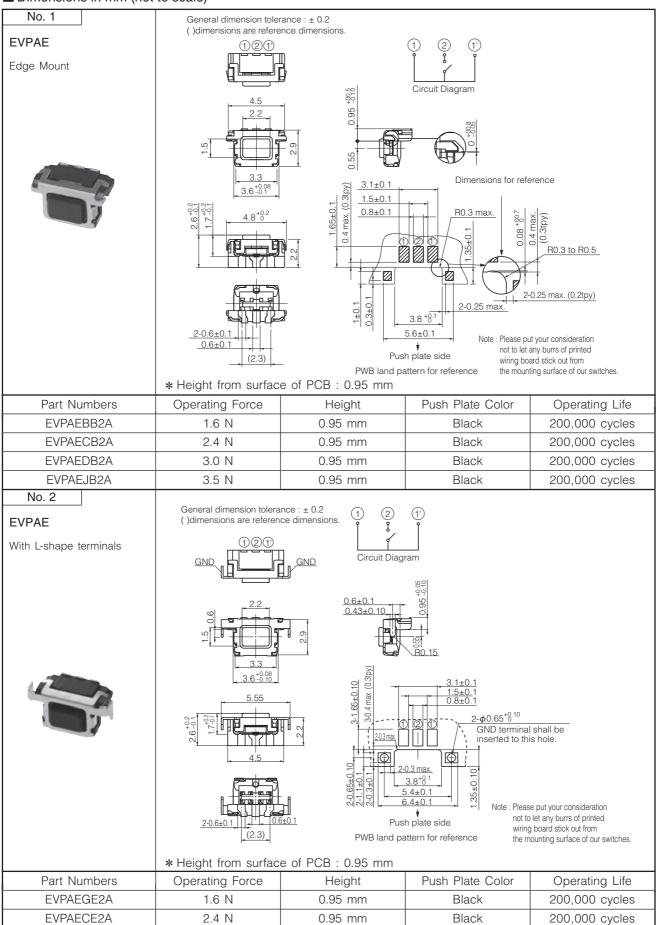
Specifications

Туре		Snap action / Push-on type SPST						
Electrical	Rating	10 μA 2 V DC to 20 mA 15 V DC (Resistive load)						
	Contact Resistance	1,000 mΩ max.						
	Insulation Resistance	100 MΩ min. (at 100 V DC)						
	Dielectric Withstanding Voltage	250 V AC for 1 minute						
	Bouncing	10 ms max. (ON, OFF)						
Mechanical	Operating Force	1.6 N, 2.4 N, 3.0 N, 3.5 N						
	Push Travel	1.6 N, 2.4 N, 3.0 N, 3.5 N : 0.15 mm 1.6 N (With L-shape terminals) : 0.13 mm						
	Push Strength	50 N (1 minute)						
Endurance	Operating Life	200,000 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		3,500 pcs. Embossed Taping (Reel Pack)						
Quantity/Carton		17,500 pcs.						

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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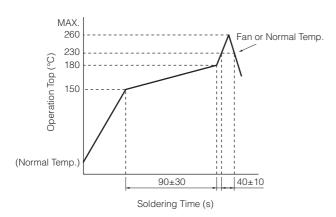
■ Dimensions in mm (not to scale)



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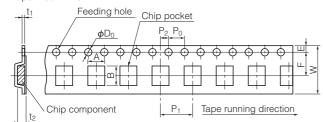
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■ Recommended Reflow Soldering Conditions



Embossed Carrier Taping

Tape width=12.0 mm



Taping condition: Lack of products in the middle of taping should be one MAX, but total quantity specified in the specifications should be secured.

Peeling off strength of top tape: It should be within 0.2N to 1.0N at 165 degree in peeling off angle.

Joint of carrier tape : One joint per one reel may exist.

Unit: mm

Part No.	Height	A	В	W	F	E	P ₁	P ₂	P ₀	Do Dia	t1	t2	
EVPAE	2.9	5.5±0.2	2.9±0.2	12.0±0.3	5.5	1.75±0.10	8.0±0.1	2.0±0.1	4.0±0.1	1.5+0.1	0.3±0.1	3.3±0.20	
With L-shape terminals Unit: mm													
Part No.	Height	Α	В	w	F	E	P ₁	P ₂	Po	Do Dia	t ₁	t ₂	
i ait ivo.	g	1	_	''		1					1		
EVPAE	2.9	6.1±0.2	2.9±0.2	12.0±0.3	5.5	1.75±0.10	8.0±0.1	2.0±0.1	4.0±0.1	1.5±8 ^{.1}	0.3±0.1	3.3±0.20	

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Please contact

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