Panasonic

3.5 mm×2.9 mm Side-operational Half Dive /SMD Light Touch Switches

Type: **EVPAN**



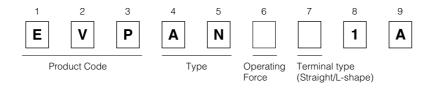
■ Features

- External dimensions: 3.5 mm×2.9 mm (Excluding the push plate), Height 1.2 mm
- Printed circuit board being as low as 0.7 mm
- High mount ability

■ Recommended Applications

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

■ Explanation of Part Numbers



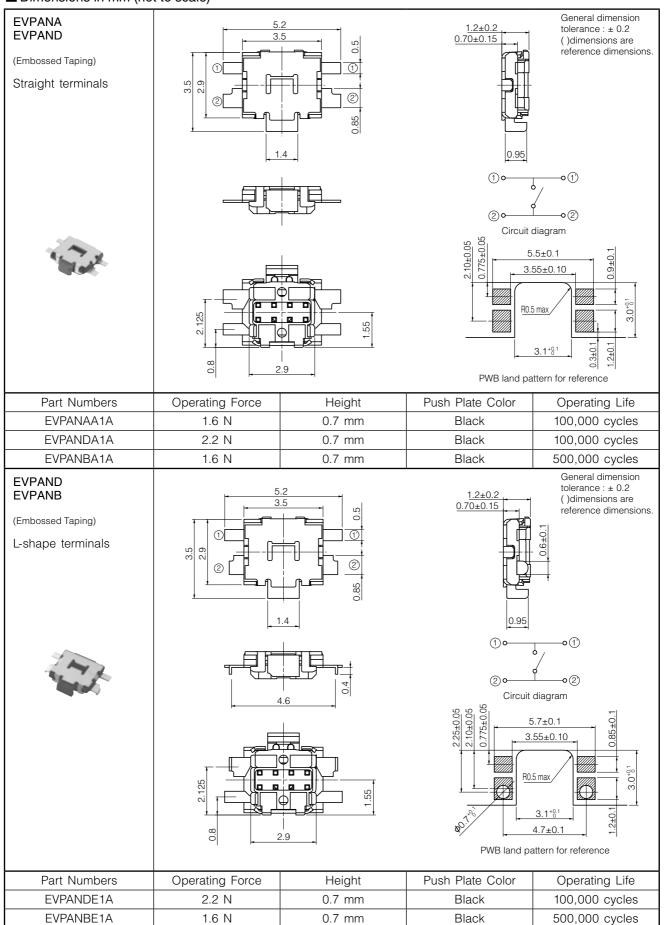
■ Specifications

Туре		Snap action / Push-on type SPST						
Electrical	Rating	10 μA 2 V DC to 50 mA 12 V DC (Resistive load)						
	Contact Resistance	500 m $Ω$ 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, 2.2 N						
	Push Travel	0.2 mm						
	Push Strength	70 N (1 minute)						
Endurance	Operating Life	100,000 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		7,000 pcs. Embossed Taping (Reel Pack)						
Quantity/Carton		35,000 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.

Panasonic

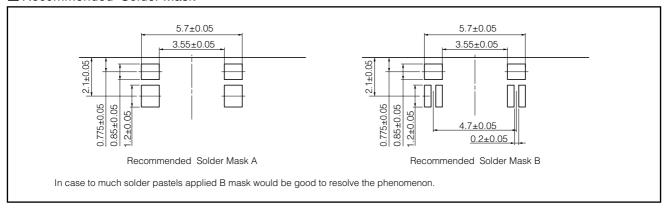
■ Dimensions in mm (not to scale)



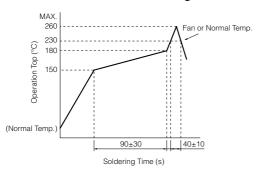
Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

Panasonic

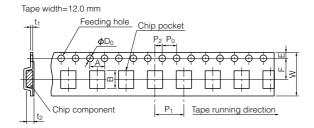
■ Recommended Solder Mask



■ Recommended Reflow Soldering Conditions



Embossed Carrier Taping



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.

Straight terminals
 Unit: mm

Part No.	Height	Α	В	W	F	E	P ₁	P ₂	P ₀	Do Dia.	t1	t2
EVPAN	1.2	5.6±0.2	4.5±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	0.3±0.1	1.35±0.20

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.

Requests to customers

Please refer to "the latest product specifications" when designing your product. Requests to customers :

https://industrial.panasonic.com/ac/e/salespolicies/

Safety Precautions

When using our products, no matter what sort of equipment they might be used for, be sure to confirm the applications and environmental conditions with our specifications in advance.

Please contact

Panasonic Corporation

Electromechanical Control Business Division

1006 Oaza Kadoma, Kadoma-shi, Osaka 571-

■ 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8506, Japan industrial.panasonic.com/ac/e/



©Panasonic Corporation 2019