Panasonic

2.8 mm×2.3 mm Side-operational Edge Mount Light Touch Switches Type: **EVPAV**



Features

- External dimensions : 2.8 mm×2.3 mm (Excluding the push plate), Height 1.95 mm (Printed circuit board being as low as 0.975 mm)
- Improved soldering strength in the operating direction

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			
	Rating	10 µA 2 Vdc to 20 mA 15 Vdc (Resistive load)			
Electrical	Contact Resistance	500 m Ω max.			
	Insulation Resistance	50 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	0.13 mm			
	Push Strength	50 N (15 seconds)			
Endurance	Operating Life	300000 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.			

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)



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. ON at

165 degree in peeling off angle. Joint of carrier tape : One joint per one reel may exist.

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Part No.	Height	A	В	С	D	E	F	G	Н	I	J	К	L	t
EVPAV	1.95	8.0±0.3	1.75±0.10	3.5±0.1	4.0±0.1	4.0±0.1	2.0±0.1	$1.5^{+0.1}_{0}$	3.1±0.2	2.8±0.2	1.35±0.20	2.7±0.2	(6.25)	0.3±0.1

• Standard Reel Dimensions in mm (not to scale)



Item	А	В	С	D	E	
Rate (mm)	\$\$\$0.0±2.0	\$\$0.0±1.0	\$\$\phi_13.0±0.5\$	<i>ф</i> 21.0±1.0	2.0±0.5	

Item	F	G		
Rate (mm)	9.4±1.0	13.4±1.0		

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