Panasonic

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.

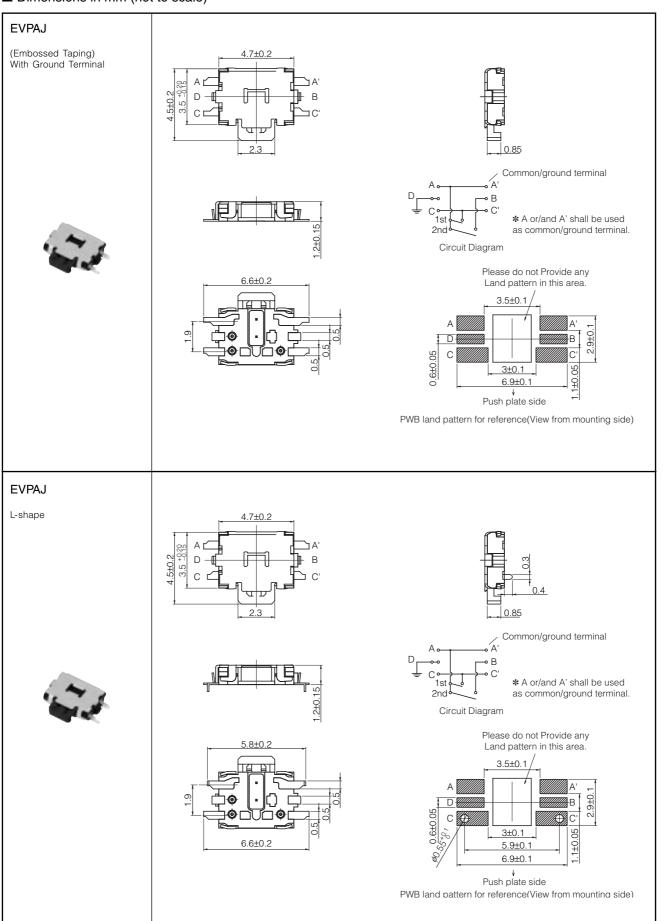
■ Explanation of Part Numbers

1	2	3	4	5	6	7	8	9
E	V	Р	A	J				
Product code				Type			Height	

■ Specifications

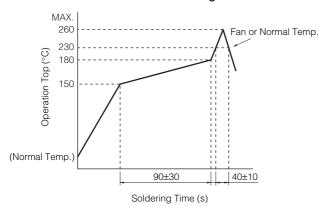
Туре		Snap action/Push-on type SPDT				
	Rating	10 μA 2 Vdc to 20 mA 15 Vdc (Resistive load)				
	Contact Resistance	$500 \text{ m}\Omega$ max. $100 \text{ M}\Omega$ min. (at 100 Vdc)				
	Insulation Resistance					
Dielectric Withstanding Voltage		250 Vac for 1 minute				
	Bouncing	3 ms max. (ON) 20 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)

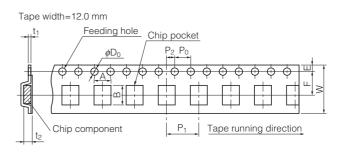


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■ Recommended Reflow Soldering Conditions



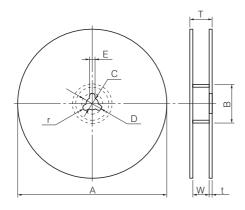
Embossed Carrier Taping



Unit: mm

Part No.	Height	А	В	W	F	E	P ₁	P ₂	P ₀	D₀ Dia.	t1	t ₂
EVPAJ	1.2	6.8±0.2	4.9±0.2	12.0+0.3	5.78±0.1	1.75±0.1	8.0±0.1	2.0±0.1	4.0±0.1	1.5+0.1	0.3±0.05	1.95+0.3

Standard Reel Dimensions in mm (not to scale)



Item	А	В	С	D	E	
Rate (mm)	φ380.0±2.0	φ80.0±1.0	φ13.0±0.5	φ21.0±1.0	2.0±0.5	
Item	W	Т	t	r		
Rate (mm)	13.5±1.0	17.5±1.0	_	-		