# Panasonic

6 mm Square Long Travel Light Touch Switches, Radial Taping Japan

### Type: **EVQPV**

Light Touch Switches with a long travel of 1.3 mm or 1.0 mm and a knob, 5.0 mm in height

#### Features

- Excellent operation by a larger push knob ( $\phi$ 4.6 mm)
- High mountability, section terminals and radial taping package (2500 pcs./pack)
- Low contact resistance and steady contact characteristics

#### Recommended Applications

- Car Audio Equipment
- Operation and input switch for Telephones, Electronic Musical Instruments



Explanation	of Part Numbers									
	1 2	3	4	5	6	7	8	9		
	EV	ב	Ρ	V		0	5	κ		
						_				
4th & 5th	Туре		6th	Operating Fc	rce	Push Travel	7th & 8th	Mounting Height	9th	Knob Color
PV	6.0 mm square long trav	rel	А	2.2 N		1.0 mm	05	5.0 mm	K	Black
			G	2.0 N						
			F	2.5 N		1.3 mm				
			Н	3.5 N						

### Major Specifications

Туре	Snap action/Push-on type SPST						
	Rating	50 mA 12 Vdc					
Electrical	Contact Resistance	100 mΩ (max.)					
	Insulation Resistance	100 MΩ min. (at 100 Vdc)					
	Dielectric Withstanding Voltage	250 Vac for 1 minute					
	Bouncing	10 ms (max.)					
Mechanical	Operating Force	2.2 N	2.0 N, 2.5 N, 3.5 N				
	Travel	1.0 mm±0.2 mm	1.3 mm±0.2 mm				
	Push Strength	50 N (Vertically, 1 minute)					
Endurance	Soldering Heat	260 °C±5 °C 5 s±1 s					
	Operating Life	100000 cycles (min.) (Operating Force H Type 3.5 N 30000 cycles )(min.)					
	Operating Temperature	−30 °C to +85 °C					
	Storage Temperature	-40 °C to +85 °C (Bulk) -20 °C to +40 °C (Taping)					
Minimum Quantity/Packing Unit		2500 pcs. (Radial Taping)					
Quantity/Carton		25000 pcs.					

Design, Specifications are subject to change without notice. Ask factory for technical specifications before purchase and/or use. Whenever a doubt about safety arises from this product, please inform us immediately for technical consultation without fail.

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#### Dimensions in mm (not to scale) No. 1 Japan EVQPV (Radial Taping) The direction of (a) or (b) side is randomly settled. max <u>1.0 ma</u> 0.6±0.3 6 1.0 max. 1.0 max <u>1.0 m</u>ax: 12.7±1.0 ŝ a б E-E' section Terminal cross sectior (S=10/1) 0.45 Adhesive tape shall not 0.45 35 ц -A extend beyond base paper. 0.3 0.45 dhesive tape -1.0 $\phi 4.6$ 18.0 + 4 . ∰E' il 6.0±0.5 E# 9.0±0.5 5 3.85±0.70 6 Ø ₿ 10.0 ¢4.0±0.3 Circuit diagram 6.35±0.70 12.7±0.3 0.2 max JIS C0806-2 shall be applied for the items not specified here. 2-ø1.00±0.05 Recommended PWB piercing plan View from mounting side Knob Color Operating Life Part Numbers **Operating Force** Travel Height EVQPVA05K 2.2 N 5.0 mm Black 100000 cycles 1.0 mm EVQPVG05K 100000 cycles 2.0 N 1.3 mm 5.0 mm Black EVQPVF05K 2.5 N 1.3 mm 5.0 mm Black 100000 cycles EVQPVH05K 3.5 N 5.0 mm Black 30000 cycles 1.3 mm

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