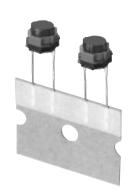
### 6 mm Square Long Travel 2R Light Touch Switches

Type: **EVQPV** 

#### ■ Features

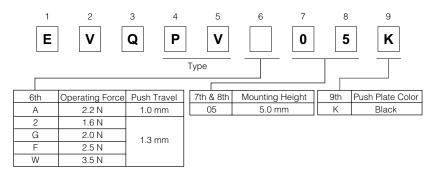
- External dimensions: 6.0 mm×6.1 mm, Hight 5.0 mm (Including the push plate)
- High mountability, section terminals and radial taping package
- Low contact resistance and steady contact characteristics



#### ■ Recommended Applications

Car audio equipment

#### ■ Explanation of Part Numbers



#### ■ Specifications

Туре		Snap action/Push-on type SPST	
Electrical	Rating	10 µA 2 Vdc to 50 mA 12 Vdc (Resistive load)	
	Contact Resistance	100 m $\Omega$ max.	
	Insulation Resistance	100 MΩ min. (at 100 Vdc)	
	Dielectric Withstanding Voltage	250 Vac for 1 minute	
	Bouncing	10 ms max. (ON, OFF)	
Mechanical	Operating Force	2.2 N	1.6 N, 2.0 N, 2.5 N, 3.5 N
	Travel	1.0 mm±0.2 mm	1.3 mm±0.2 mm
Endurance	Operating Life	100000 cycles min.	
		(3.5 N type: 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 (Reel Pack)	
Quantity/Carton		25000 pcs.	
		I.	

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) **EVQPV** (Radial Taping) The direction of (a) or (b) side is randomly settled. 1.0 max. 12.7±1.0 Terminal cross section (S=10/1) ↓ Adhesive tape shall not extend beyond base paper. 18.0 +1.0 Adhesive tape 9.0±0.5 Circuit diagram φ4.0±0.3 6.35±0.70 12.7±0.3 0.2 max JIS C0806-2 shall be applied for the items not specified here. PWB mounting hole for reference View from mounting side Operating Force Push Plate Color Operating Life Part Numbers H=Height Travel EVQPVA05K 2.2 N 1.0 mm 5.0 mm Black 100000 cycles EVQPV205K 1.6 N 1.3 mm 5.0 mm Black 100000 cycles EVQPVG05K 2.0 N 1.3 mm 5.0 mm Black 100000 cycles

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1.3 mm

1.3 mm

5.0 mm

5.0 mm

Black

Black

2.5 N

3.5 N

100000 cycles 30000 cycles

EVQPVF05K

EVQPVW05K