3.5 mm×2.9 mm Side-operational SMD Light Touch Switches

Type: EVQP7/EVQP3/EVQ9P7

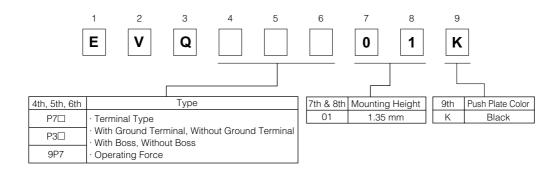


- Features
- External dimensions: 3.5 mm×2.9 mm, Height 1.35 mm
 A wide range of terminal type: L-shape, J-bent, Straight
- High mount ability
- Push plate strength enhanced type

■ Recommended Applications

Car navigation, Car audio

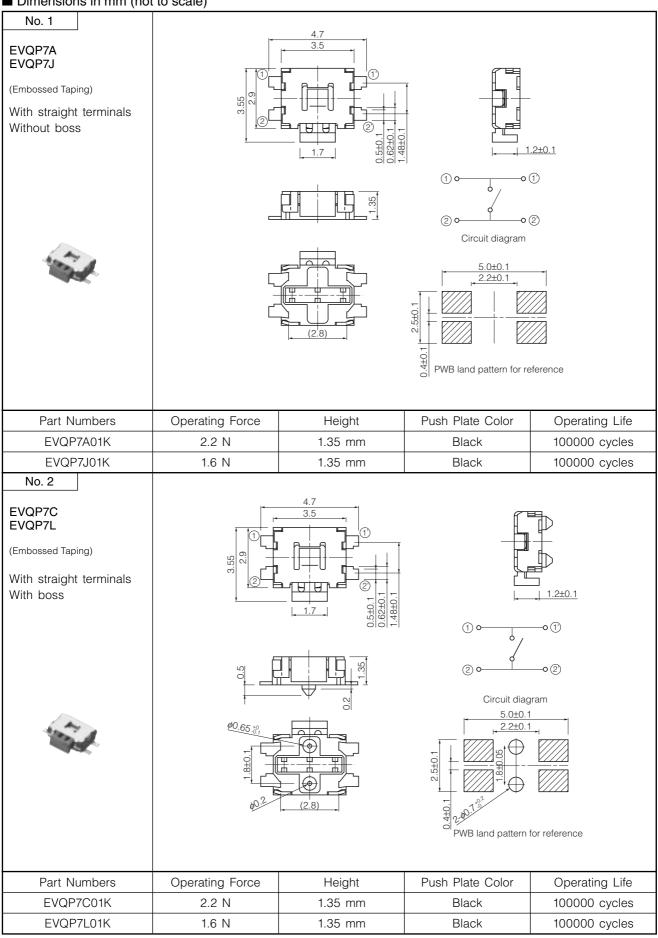
■ Explanation of Part Numbers



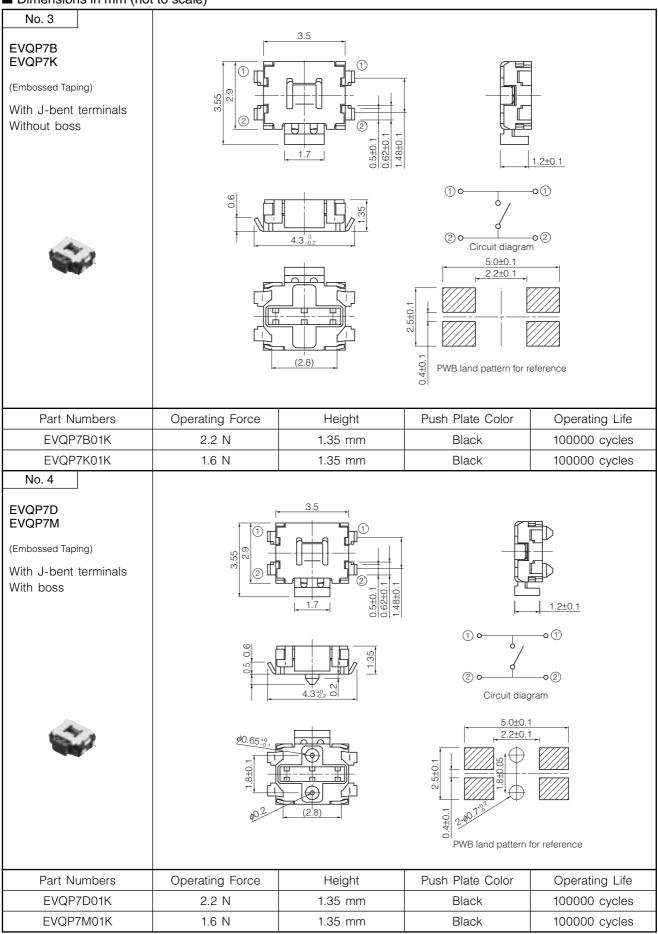
Specifications

Туре		Snap action / Push-on type SPST					
	Rating	10 μA 2 Vdc to 50 mA 12 Vdc (Resistive load)					
Electrical	Contact Resistance	500 m Ω max.					
	Insulation Resistance	100 M Ω min. (at 100 Vdc)					
	Dielectric Withstanding Voltage	250 Vac (1 minute)					
	Bouncing	10 ms max. (ON, OFF)					
	Operating Force	1.6 N, 2.2 N					
Mechanical	Push Travel	0.2 mm					
	Push Strength	30 N (1 minute)					
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.					

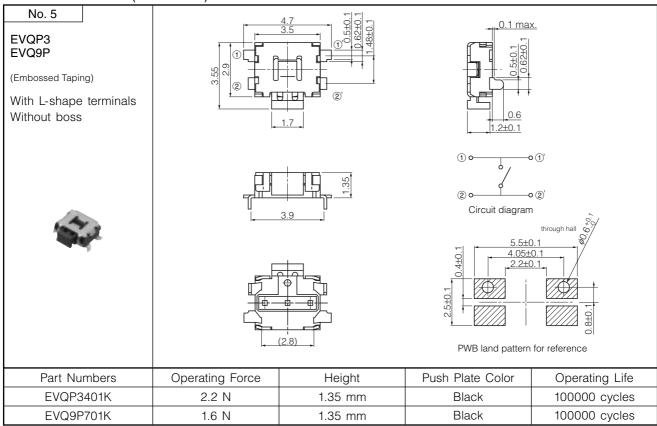
■ Dimensions in mm (not to scale)



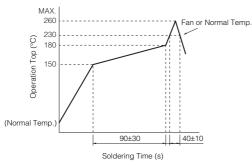
■ Dimensions in mm (not to scale)



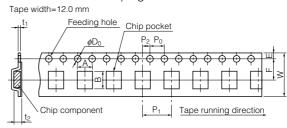
■ Dimensions in mm (not to scale)



■ Recommended Reflow Soldering Conditions



Embossed Carrier Taping

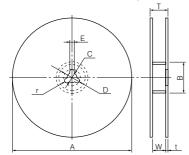


Straight terminals, L-shape terminals type

Part No.	Height	А	В	W	F	Е	P ₁	P ₂	Po	D₀ Dia.	t1	t2
EVQP7, EVQP3 EVQ9P7	1.35	5.2±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	1.5±0.2

J-bent type										Unit: mm		
Part No.	Height	А	В	W	F	E	P ₁	P ₂	Po	D₀ Dia.	t1	t2
EVQP7, EVQP3	1.35	4.5±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	1.5±0.2

Standard Reel Dimensions in mm (not to scale)



Item	Α	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	T	t	r	
Rate (mm)	13.5±1.0	17.5±1.0	1.0 to 3.0	1.0±0.5	

Unit: mm