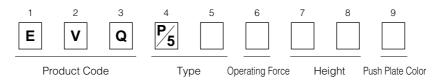
# 6.0 mm×3.5 mm SMD Light Touch Switches

# Type: EVQPE1/EVQPN/EVQ5P



- Features
- External dimensions: 6.0 mm×3.5 mm, Height 4.3 mm, 5.0 mm
- Recommended Applications
- Operating switches for other electronic equipment

## ■ Explanation of Part Numbers



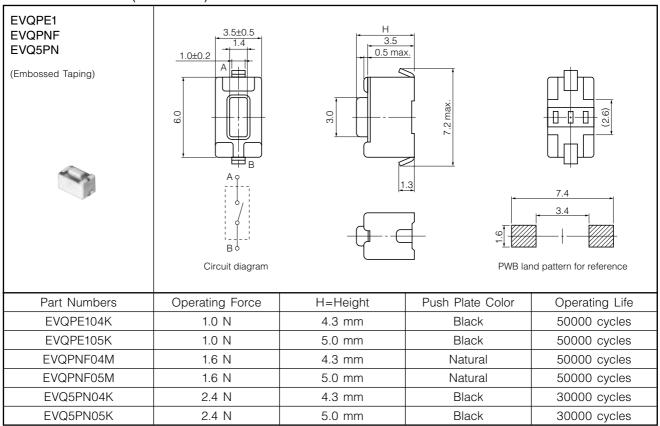
## ■ Product Chart

Type Operating Force	SMD	Height			
1.0 N±0.5 N	EVQPE1				
1.6 N±0.5 N	EVQPNF	H=4.3 mm H=5.0 mm			
2.4 N±0.6 N	EVQ5PN	11–0.0 111111			

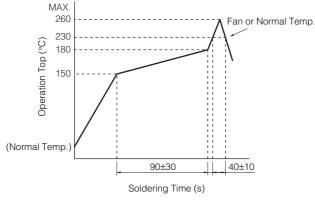
# ■ Specifications

Туре		Snap action/Push-on type SPST			
	Circuit Diagram	A 0 0 0 B			
Electrical	Rating	10 μA 2 Vdc to 50 mA 12 Vdc (Resistive load)			
	Contact Resistance	100 mΩ max.			
	Insulation Resistance	100 M $\Omega$ min. (at 100 Vdc)			
	Dielectric Withstanding Voltage	250 Vac for 1 minute			
	Bouncing	10 ms max	. (ON, OFF)		
Mechanical	Operating Force	1.0 N±0.5N (Low force type) 1.6 N±0.5 N (Standard)	2.4 N±0.6 N		
	Travel	0.25 mm <sup>+0.20</sup> <sub>-0.10</sub> mm			
Endurance	Operating Life	50000 cycles min.	30000 cycles min.		
Operating Tempera	ature	−30 °C t	) °C to +85 °C		
Storage Temperature		-40 °C to +85 °C (Bulk) -20 °C to +60 °C (Taping)			
Minimum Quantity/	Packing Unit	2000 pcs. 2500 pcs. Embossed Taping(Reel Pack) Embossed Taping(Ree (H = 5.0 mm) (H = 4.3 mm)			
Quantity/Carton		10000 pcs. (H = 5.0 mm)	12500 pcs. (H = 4.3 mm)		

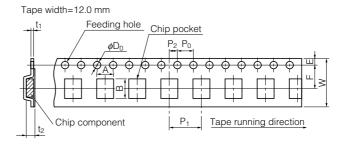
#### ■ Dimensions in mm (not to scale)



### ■ Recommended Reflow Soldering Conditions

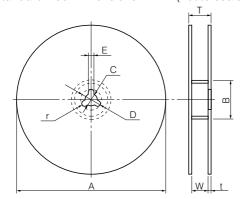


# Embossed Carrier Taping



	Golder	ing rime (c	3)									Unit: mm
Part No.	Height	А	В	W	F	E	P <sub>1</sub>	P <sub>2</sub>	Po	D₀ Dia.	t1	t <sub>2</sub>
EVQPE1 EVQPN EVQ5P	4.3/5.0	5.8±0.2	7.9±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 <sup>+0.1</sup>	0.4±0.05	4.5/5.2±0.2

#### Standard Reel Dimensions in mm (not to scale)



Item	А	В	С	D	Е
Rate (mm)	φ370.0±2.0	φ50.0 min.	φ13.0±0.5	φ21.0±1.0	2.0±0.5
14		_			
Item	W	T	t	r	