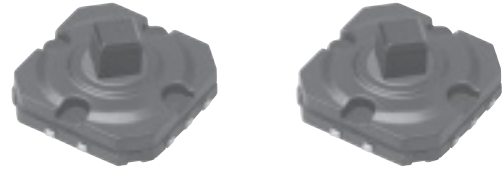


Multi-direction Operation Switches (Stick type)

Japan

Type: **EVQQ5**

A small and thin five-direction-operating switch developed to contribute to portable devices that are smaller, longer-life and are multi-functional



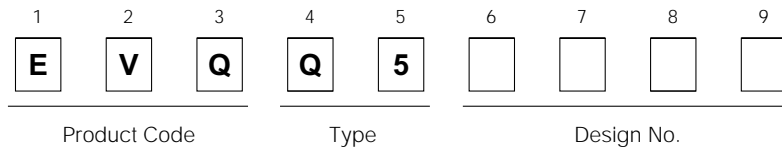
■ Features

- Compact and thin:
outer dimensions □9.8 mm, height 2.0 mm
- Long life (Approximately one million operations in each direction)
- Built-in malfunction protection (toggle operation and push operation are clearly separated from each other)
- Meeting the requirement for high operation force (center: 3.2 N and side: 1.6 N)

■ Recommended Applications

- Input equipment for mobile electronic gears (cellular phones, PDAs, etc.)
- Digital still cameras
- Portable audio systems

■ Explanation of Part Numbers



■ Specifications

Electrical	Rating	20 mA 15 Vdc	
	Contact Resistance	100 mΩ max.	
	Insulation Resistance	100 MΩ min.	
	Dielectric Withstanding Voltage	250 Vac min.	
Mechanical	Bouncing	Push	10 ms max.
		Leaning	20 ms max.
	Operating Force	Push	3.2 N*
		Leaning	1.6 N*
Travel	0.2 mm±0.1 mm		
Leaning operation angle	3° ± 2°		
Endurance	Operating Life	1000000 cycles min.	
	Temperature Range	-40 °C to +85 °C	
Minimum Quantity/Packing Unit		1200 pcs. Embossed Taping (Reel Pack)	
Quantity / Carton		6000 pcs.	

* Operation force: Meets respective requirement

■ Dimensions in mm (not to scale)

