

## Multi-direction Operation Switches

Japan

Type: **EVQQ3**

Miniaturized, five-direction operated, push switch,  
designed for multi-function and long life requirements  
of mobile terminals



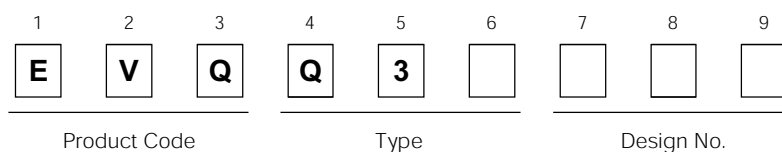
## ■ Features

- Compact and thin (outer dimensions 9.8 mm, height 1.55 mm)
- Long life (One million operations in each direction)
- Built-in malfunction protection
- High operation force (center: 3.2 N and side: 1.6 N)

## ■ Recommended Applications

- Input devices of mobile terminals (cellular phones, PDAs, etc.)
- Input devices for AV equipment (portable MD players, DSCs, etc.)

## ■ Explanation of Part Numbers

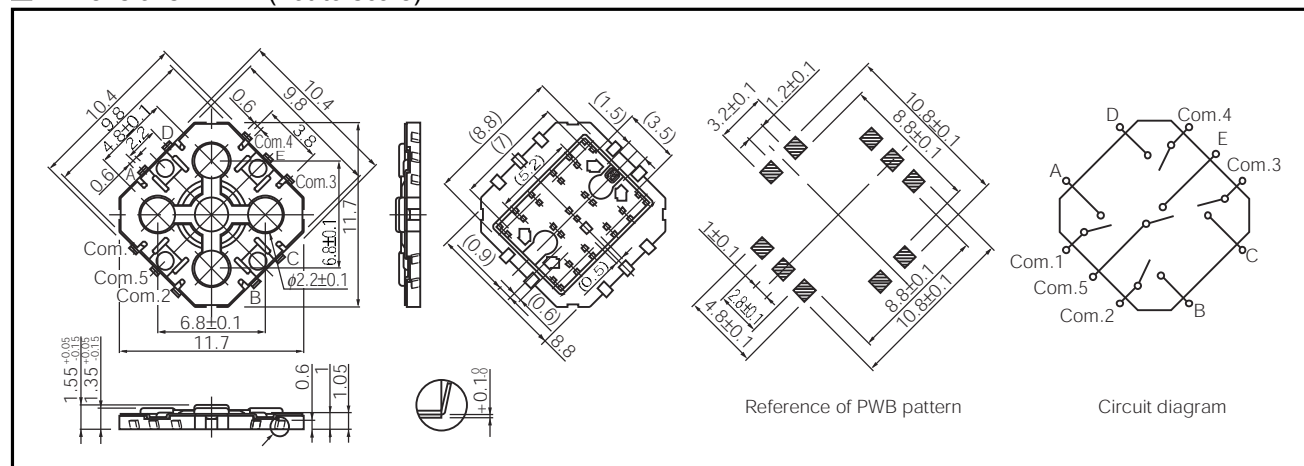


## ■ Specifications

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Electrical	Rating		20 mA 15 Vdc
	Contact Resistance		100 mΩ max.
	Insulation Resistance		100 MΩ min.
	Dielectric Withstanding Voltage		250 Vac min.
	Bouncing		10 ms max.
Mechanical	Operating Force	Center	1.6 N, 2.0 N, 3.2 N*
		Side	1.6 N
	Travel		0.25 mm
Endurance	Operating Life	Center	1000000 cycles min.
		Side	1000000 cycles min.
	Operation Temperature		-40 °C to +85 °C
Minimum Quantity/Packing Unit			4000 pcs. Embossed Taping (Reel Pack)
Quantity / Carton			20000 pcs.

\* Operation force: Meets respective requirement

■ Dimensions in mm (not to scale)



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.