

### 7 mm Square SMD Stick Switches

Type: **EVQQ7**



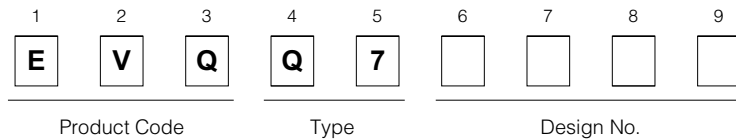
#### ■ Features

- External dimensions : 7.7 mm×7.7 mm, height 1.75 mm
- Long life: One million operation times in each direction
- Malfunction protected, Dust-proof structure, with ground terminal

#### ■ Recommended Applications

- Operation switches for menu scrolling and confirmation for portable electronic equipment (Mobile phones, Digital cameras, and PDAs)

#### ■ Explanation of Part Numbers

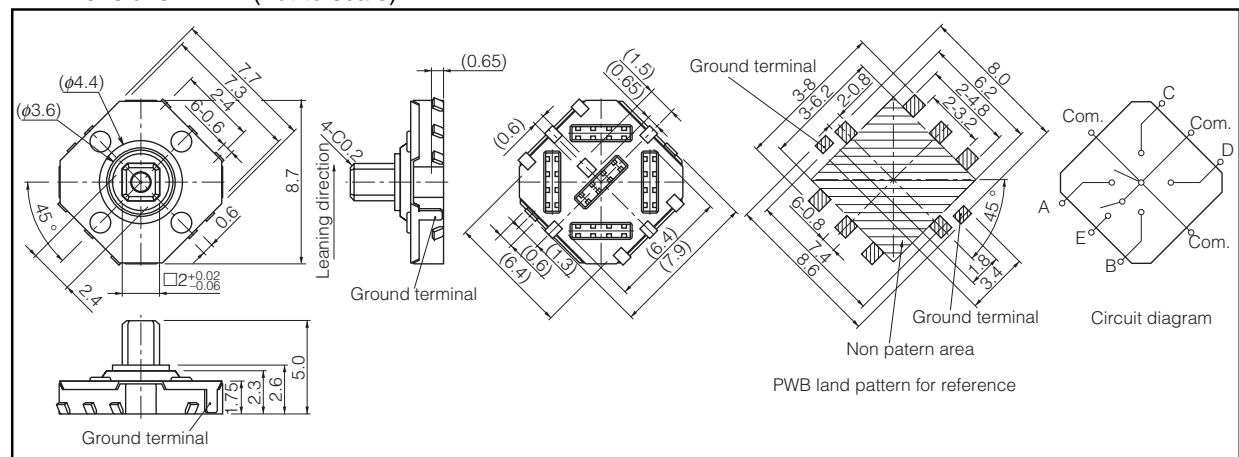


#### ■ Specifications

Electrical	Rating		10 $\mu$ A 2 Vdc to 20 mA 15 Vdc (Resistive load)
	Contact Resistance		100 m $\Omega$ max.
	Insulation Resistance		50 M $\Omega$ min.
	Dielectric Withstanding Voltage		250 Vac min.
	Bouncing	Push	10 ms max.
Leaning		20 ms max.	
Mechanical	Operating Force	Push	2.6 N*
		Leaning	1.3 N*
	Travel	0.15 mm $\pm$ 0.1 mm	
Leaning operation angle		5° $\pm$ 2.5°	
Endurance	Operating Life		1000000 cycles min.
Temperature Range		-40 °C to +85 °C	
Minimum Quantity/Packing Unit		1000 pcs. Embossed Taping (Reel Pack)	
Quantity / Carton		5000 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.

00 Sep. 2010