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

1	2	3	4	5	6	7	8	9
E	V	Q	Q	3				
Product Code			Туре			Design No.		

ype	Design N

Specifications

	Rating		20 mA 15 Vdc		
	Contact Resistance		100 m Ω max.		
Electrical	Insulation Resistance)	100 MΩ min.		
	Dielectric Withstandir	ng Voltage	250 Vac min.		
	Bouncing		10 ms max.		
	On arating Fares	Center	1.6 N, 2.0 N, 3.2 N*		
Mechanical	Operating Force	Side	1.6 N		
	Travel	•	0.25 mm		
	On avating 1 ifa	Center	1000000 cycles min.		
Endurance	Operating Life	Side	1000000 cycles min.		
	Operation Temperatu	ire	−40 °C to +85 °C		
Minimum Qua	ntity/Packing Unit		4000 pcs. Embossed Taping (Reel Pack)		
Quantity / Car	ton		20000 pcs.		

^{*} Operation force: Meets respective requirement

■ Dimensions in mm (not to scale)

