

Over Travel Light Touch Switches

Type: **EVQP0**



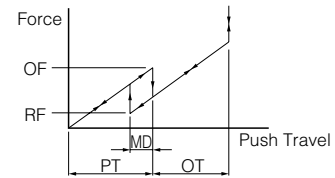
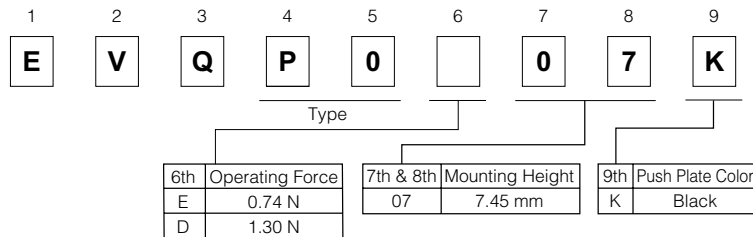
■ Features

- External dimensions : 6.2 mm×6.2 mm, Height 7.45 mm
- Comfortable for long-time operation due to over-travel
- Excellent light-touch operational feel

■ Recommended Applications

- Operating switches for other electronic equipment
- Operation switches for PC mouse

■ Explanation of Part Numbers



■ Specifications

| Type | | Snap action / Push-on type SPST | |
|-------------------------------|---------------------------------|---|------------------------------|
| Electrical | Rating | 10 μ A 2 Vdc to 50 mA 30 Vdc (Resistive load) | |
| | Contact Resistance | 100 m Ω max. (1 Ω max. after life test) | |
| | Insulation Resistance | 100 M Ω min. (at 100 Vdc) | |
| | Dielectric Withstanding Voltage | 500 Vac for 1 minute | |
| | Bouncing | 3 ms max. (ON, OFF) | |
| Mechanical | Operating Force | EVQP0E : 0.74 N max. | EVQP0D : 1.3 N max. |
| | Returning Force | 0.1 N min. | |
| | Pre-travel | 0.5 mm max. | |
| | Movement Differential (MD) | 0.12 mm max. | |
| | Over Travel | 0.2 mm max. | |
| Endurance | Operating Life | EVQP0E : 5000000 cycles min. | EVQP0D : 1000000 cycles min. |
| Operating Temperature | | -25 $^{\circ}$ C to +65 $^{\circ}$ C | |
| Storage Temperature | | -45 $^{\circ}$ C to +85 $^{\circ}$ C | |
| Minimum Quantity/Packing Unit | | 500 pcs. Polyethylene Bag (Bulk) | |
| Quantity/Carton | | 10000 pcs. | |

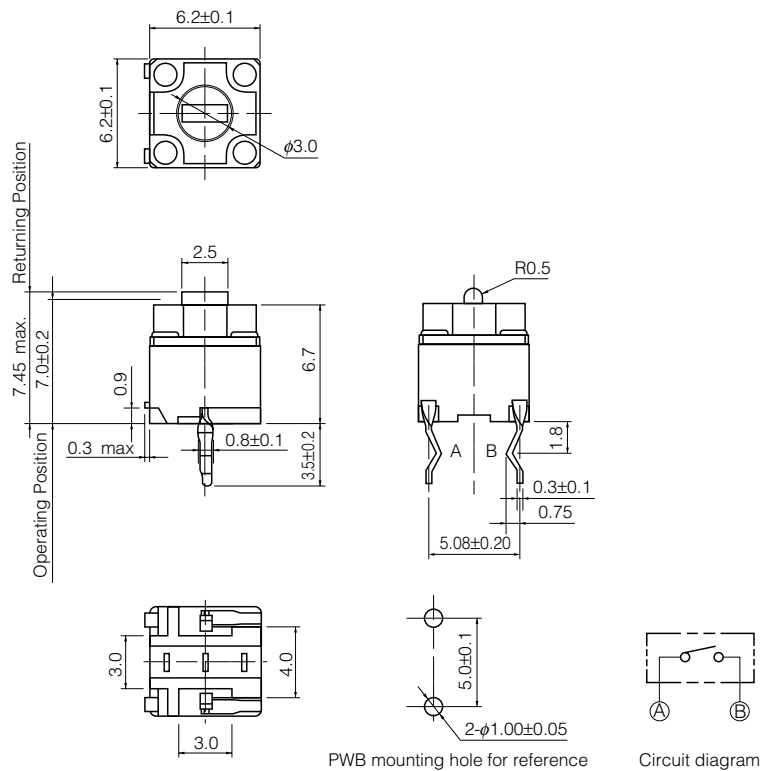
Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

Mar. 2008

■ Dimensions in mm (not to scale)

EVQP0

(Bulk)



| Part Numbers | Operating Force | Height | Push Plate Color | Operating Life |
|--------------|-----------------|---------|------------------|----------------|
| EVQP0E07K | 0.74 N | 7.45 mm | Black | 5000000 cycles |
| EVQP0D07K | 1.30 N | 7.45 mm | Black | 1000000 cycles |

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