## Over Travel Light Touch Switches

## Type: EVQPO

## Features

- External dimensions : $6.2 \mathrm{~mm} \times 6.2 \mathrm{~mm}$, 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 | $10 \mu \mathrm{~A} 2 \mathrm{Vdc}$ to 50 mA 30 Vdc (Resistive load) |  |
|  | Contact Resistance | $100 \mathrm{~m} \Omega$ max. ( $1 \Omega \mathrm{max}$. after life test) |  |
|  | Insulation Resistance | $100 \mathrm{M} \Omega$ min. (at 100 Vdc ) |  |
|  | Dielectric Withstanding Voltage | 600 Vac for 1 minute |  |
|  | Bouncing | $3 \mathrm{~ms} \mathrm{max}$. (ON), 8 ms max. (OFF) |  |
| Mechanical | Operating Force | EVQPOE : 0.74 N max. | EVQPOD : 1.3 N max. |
|  | Returning Force | 0.1 N min . |  |
|  | Pre-trave | 0.5 mm max. |  |
|  | Movement Differential (MD) | 0.12 mm max. |  |
|  | Over Travel | 0.2 mm max. |  |
| Endurance | Operating Life | EVQPOE : 5000000 cycles min. | EVQPOD : 1000000 cycles min. |
| Operating Temperature |  | $-20^{\circ} \mathrm{C}$ to $+70{ }^{\circ} \mathrm{C}$ |  |
| Storage Temperature |  | $-45{ }^{\circ} \mathrm{C}$ to $+85{ }^{\circ} \mathrm{C}$ |  |
| 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.

Dimensions in mm (not to scale)


| Part Numbers | Operating Force | Height | Push Plate Color | Operating Life |
| :---: | :---: | :---: | :---: | :---: |
| EVQP0E07K | 0.74 N | 7.45 mm | Black | 5000000 cycles |
| EVQPOD07K | 1.30 N | 7.45 mm | Black | 1000000 cycles |

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