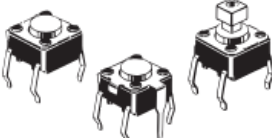
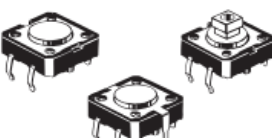
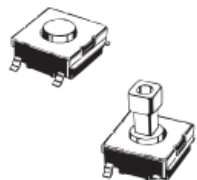
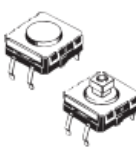
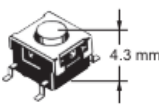
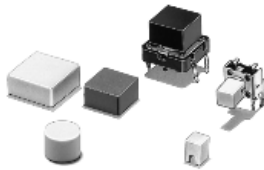


# B3F, B3FS, B3W, B3S, & B32

## Models

| B3F (Unsealed)                                                                     |                                                                                    | B3FS (Unsealed)                                                                    |                                                                                      |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 6x6mm                                                                              | 12x12mm                                                                            | 6x6mm                                                                              | 12x12mm                                                                              |
|    |   |  |   |
| B3W (Sealed)                                                                       |                                                                                    | B3S (Sealed)                                                                       | B32                                                                                  |
| 6x6mm                                                                              | 6x6mm                                                                              | 12x12mm                                                                            | Key Caps                                                                             |
|  |  |   |  |

## Technology Overview

| Model                    | B3F                                                              | B3FS                                                         | B3W                                                          | B3S           |
|--------------------------|------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|---------------|
| Contact Materials        | Silver or Gold Plated                                            | Silver Plated                                                | Silver Plated                                                | Silver Plated |
| Ratings (resistive load) | 1 to 50 mA, 3 to 24 VDC                                          |                                                              |                                                              |               |
| Operating Temperature    | -25° to 70°C                                                     |                                                              |                                                              |               |
| Degree of Protection     | IP00                                                             | IP00                                                         | IP67                                                         | IP67          |
| Mounting Type            | Thru-hole                                                        | Surface mount                                                | Thru-hole                                                    | Surface Mount |
| B32 Keycap Compatible    | Yes                                                              | Yes                                                          | Yes                                                          | No            |
| Features                 | Models up to 3 million operations, side-operate option available | 3.1mm to 7.3mm heights available, up to 1 million operations | Ground terminal option to protect against static electricity |               |

## Applications

- Smart Home**
  - Bathroom control panel
  - Security Equipment
  - Air purifier
- Factory/Industrial Automation**
  - Industrial Robots
  - Temperature Controller
  - Servo Inverter
  - Machine Tools
- Electronics**
  - Toys
  - Handheld gaming devices
  - Computer peripherals