## 5 Direction Tact switch

## TSFB type

## TSFB02 Series

## Features

The operation function of the control unit enables center push operation.

Compound operation using a sing knob is realized. Compact size and low-profile forms are available for refold soldering.

Applications
Digital still cameras and digital video camcorders. Portable audio devices. Mobile phones and personal digital assistant

Operation of various digital devices.

Dimensions

(size : $6.1 \times 6.5 \times 5.0$ ) 5 Direction Tact switch
$\square$ Main Specifications

| Rating | 50 mA 12 V DC |
| :--- | :--- |
| Travel | 4 Direction $5^{\circ} \pm 2^{\circ}$ |
|  | Center push $0.20 \pm 0.1 \mathrm{~mm}$ |
| Contact Resistance | 4 Direction $200 \mathrm{~m} \Omega$ Max Center push $100 \mathrm{~m} \Omega \mathrm{Max}$ |
| Operating temperature | $-20^{\circ} \mathrm{C} \sim 70^{\circ} \mathrm{C}(45 \% \sim 85 \% \mathrm{RH})$ |
| Operating Force | 4 Direction $140 \pm 40 \mathrm{gf}$ |
|  | Center push $220 \pm 60 \mathrm{gf}$ |
| Operating Life (Cycle) | 200,000 |

Products Line
TSFB02 - MJAA

| Products No. | 0/D | Terminal Type | Guide Boss | Drawing No |
| :---: | :---: | :---: | :---: | :---: |
| MJAA | Vertical | J-bent | With | 1 |


| Direction | $(1)$ | $(2)$ | $(3)$ | $(4)$ | $(5)$ | $(6)$ | $(7)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $A$ | $\bullet$ | $\bullet$ |  |  | $\bullet$ | $\bullet$ | $\bullet$ |
| $B$ |  | $\bullet$ | $\bullet$ |  | $\bullet$ | $\bullet$ | $\bullet$ |
| $C$ |  |  | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |
| $D$ | $\bullet$ |  |  | $\bullet$ | $\bullet$ | $\bullet$ | $\bullet$ |
| $E$ |  |  |  |  | $\bullet$ | $\bullet$ |  |

TSFB02-MJAA

| No. | 3D Style | Dimension Type (Unit : mm) | PCB pattern dimension Circuit Diagram |
| :---: | :---: | :---: | :---: |
| 1 | MJAA |  |  |
|  |  |  |  |

