

# 5 Direction Tact switch

## TSFB type

## TSFB11 Series



(size : 9.8×9.8×5.05)

5 Direction Tact switch

### ■ Features

Available shprp click feel with a positive tactile feedback.

Insert molding in the contact with special treatment prevents flux build-up during soldering and permits auto-dipping.

### ■ Applications

Operation switches for menu scrolling and confirmation for portable equipment  
Compact, portable unit such as cameras, PDA etc.

### ■ Main Specifications

Rating	20mA 12V DC
Travel	4 Direction 0.25±0.1mm
	Center push 0.25±0.1mm
Contact Resistance	100mΩ Max
Operating temperature	-20°C~70°C (45%~85% RH)
Operating Force	4 Direction 160±80gf
	Center push 320±150gf
Operating Life(Cycle)	200,000

### ■ Products Line

TSFB11 - MJAA

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

### ■ Dimensions

TSFB11-MJAA

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