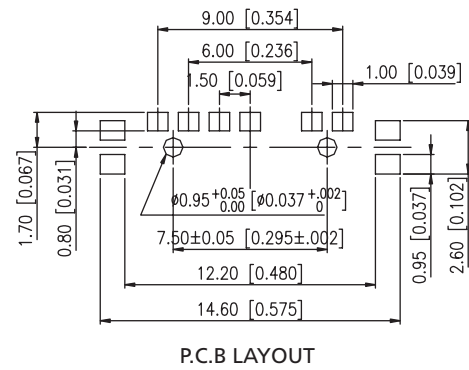
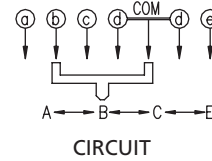
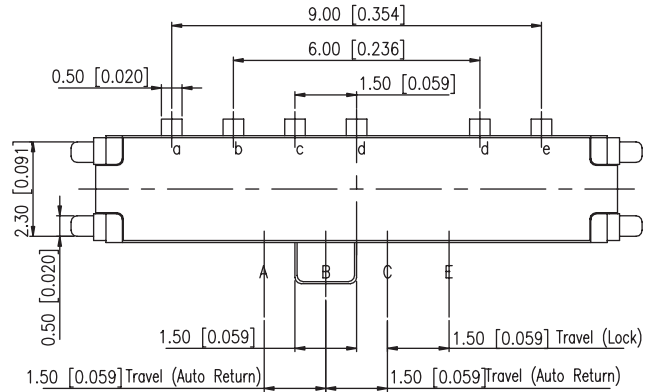
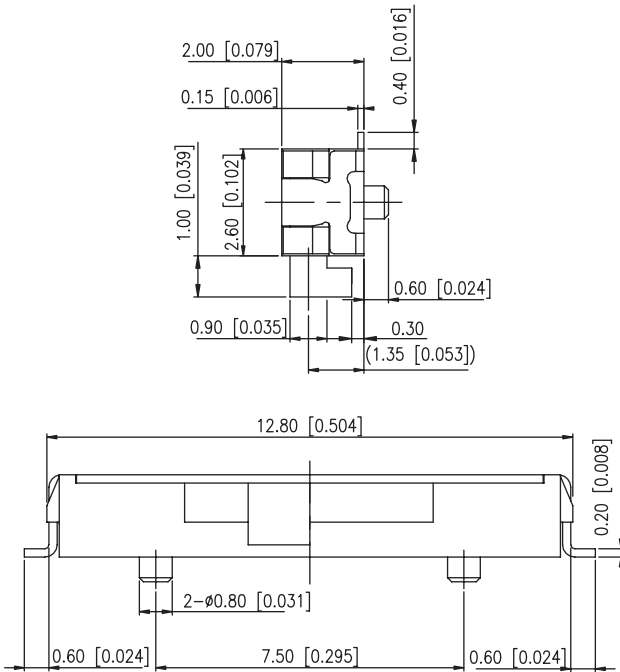
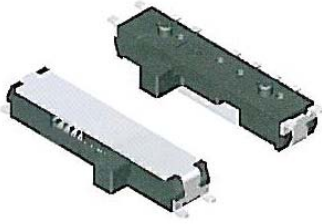


# Slide Switches

## 14 mm Halogen-Free Slide Switches

## SB89 Series



### How to order:

SB89 1 2

**1 POLES:**  
S 1P4T

**2 PACKAGING:**  
TR Tape & Reel

Note:

> General Tolerance: +/-0.2mm  
> Unit in mm and inch (bracketed)

### General Specifications:

#### MATERIALS

- » Halogen-free materials  
Br < 900 ppm  
Cl < 900 ppm  
Br+Cl < 1500 ppm
- » Cover: Stainless steel
- » Contact: Alloy copper with silver cladding
- » Terminal: Brass with silver plated
- » Base: LCP High-temp Thermoplastic black
- » Plastic Stem: LCP High-temp Thermoplastic black
- » Recoil: Stainless steel

#### MECHANICAL

» Stroke:

B to A	1.50mm
B to C	1.50mm
B to E	3.00mm

» Operation Force:

B to A	50~190gf (0.94~1.86N)
B to C	50~190gf (0.94~1.86N)
B to E	350±180gf (3.43N±1.76N)
E to B	50~250gf (0.94~2.54N)

- » Operation Temperature Range: -20°C to +80°C
- » Storage Temperature Range: -40°C to +85°C

#### ELECTRICAL

- » Electrical Life: 10,000 cycles
- » Rating: 0.3A, 10V DC
- » Contact Resistance: 100mΩ max.
- » Insulation Resistance: 1min.± 5sec@500VDC

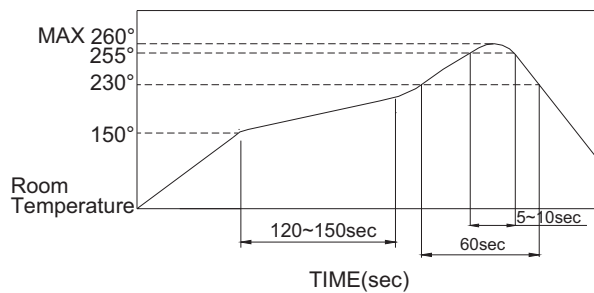
### SOLDERING PROCESS

» CLEANING:

1. Only Tape sealed types apply to wash process.
2. Do not remove the tape before wash process.
3. After soldering process, do not continue the wash process immediately. Please wait for at least 3 minutes.
4. Apply alcoholic solvents as cleaning agent do not use other solvents or water.
5. Ultrasonic cleaning is not recommended.
6. The cleaning process per stage is max. 1 minute and the whole cleaning time are not to exceed 3 minutes.
7. Do not impose any external force on switch while washing.

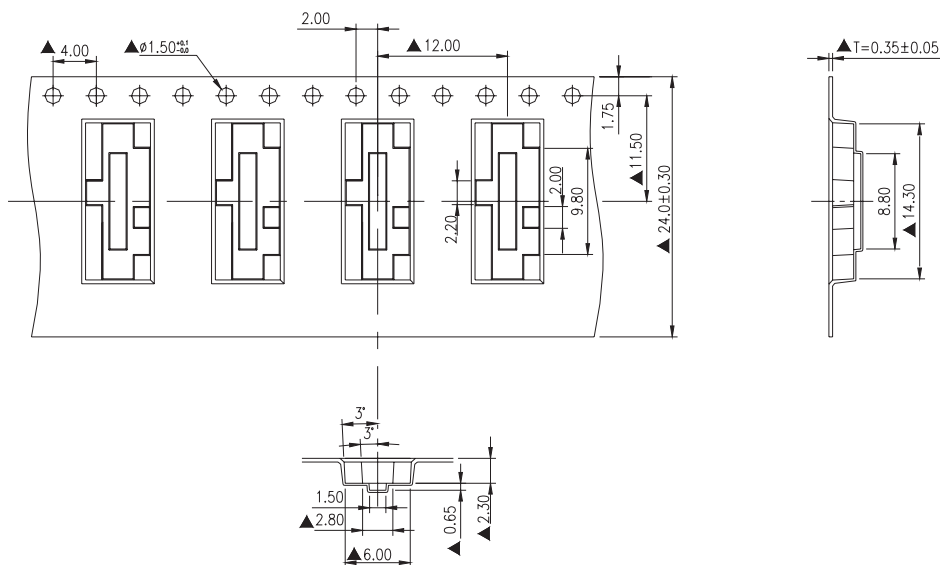
» Any flux enters the switch may fail the conductivity.

» Reflow Temperature Profile:(reference)



### Tape & Reel Packaging:

SB89STR: 2000 pcs/reel



General Tolerance :  $\pm 0.1\text{mm}$