



## SPECIFICATION

### △MECHANICAL

Operation Force : 160±50gf  
 Stroke : 0.20±0.1mm  
 Operation Temperature Range : -40°C to +85°C  
 Storage Temperature Range : -40°C to +90°C

### △ELECTRICAL

Electrical Life : 100,000 cycles  
 20 mA, 12 VDC  
 Contact Resistance : 100 mΩ max.  
 Insulation Resistance : 50MΩ min. at 100 VDC  
 Dielectric Strength: 250 VAC/1 minute  
 Contact Arrangement : 1 pole 1throw

## MATERIAL

△BASE : UL 94V-0 LCP High-Temp Thermoplastic.  
 Color : Black  
 △CONTACT : Stainless steel with silver cladding.  
 △TERMINAL : Phosphor bronze with silver cladding.  
 △STEM : UL 94V-0 LCP High-Temp Thermoplastic.  
 Color : Black  
 △TAPE : Kapton.  
 △COVER : UL 94V-0 LCP High-Temp Thermoplastic.  
 Color : Black  
 △BRACKET : NICKEL SILVER

## SOLDERING PROCESS

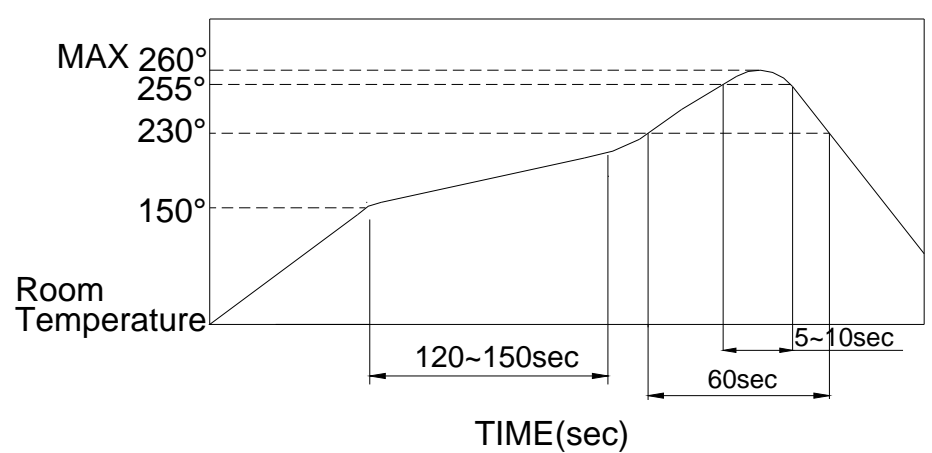
### △CLEANING:

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.

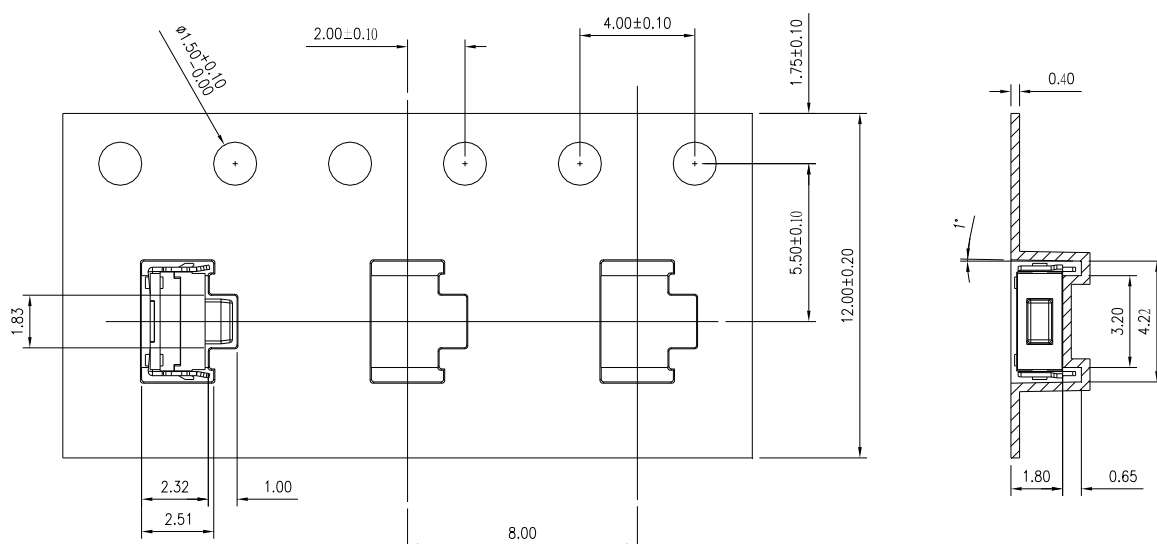
△Reflow Temperature Profile: (reference)

### △Temperature Profile :



## PACKING

Part Number	Number Per Tube	Number Per Reel
TCE	-	3000



General Tolerance : ±0.1mm