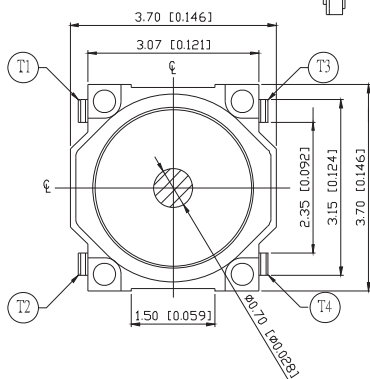
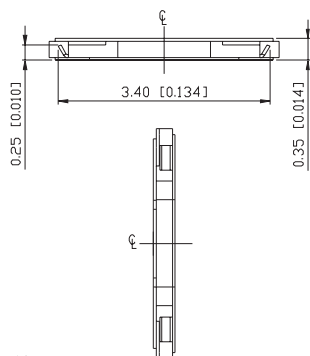
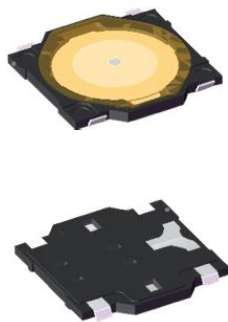


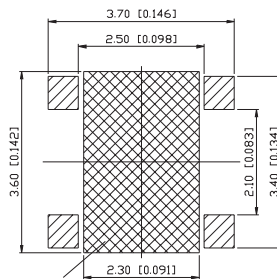
# Tactile Switches

0.35 x 3.7 x 3.7 mm Ultra-Low Thin Tactile Switches

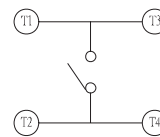
TP34 Series



## P.C.B LAYOUT & CIRCUIT



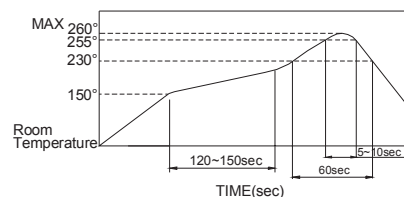
Any land pattern or vias shall not be provided at 2.30x3.60 area.



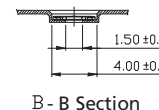
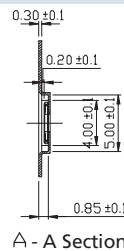
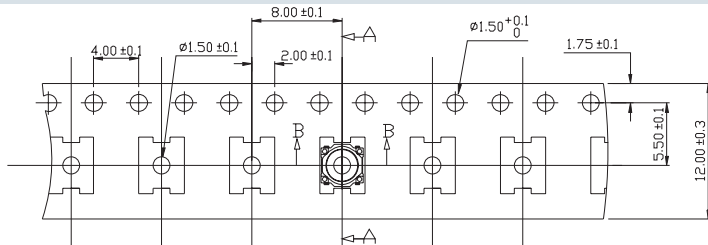
CIRCUIT

## SOLDERING PROCESS

- > Hand Soldering : Use a Soldering Iron of 30 Watts, controlled at 350°C approximately 5 Sec. while Applying
- > Reflow Soldering : Vapor Phase & Reflow Soldering can be applied
- > Any Flux enters the Switch may fail the Conductivity
- > Temperature Profile :



## TAPE & REEL PACKING



B - B Section

A - A Section

## How to order:

TP34 1 2 3

### 1 TERMINAL TYPE:

J Bending Type SMT Terminal

### 2 OPERATING FORCE:

160 160 ± 50 gf

235 235 ± 50 gf

### 3 PACKAGING:

TR Tape & Reel

Note:

- > General Tolerance: +/-0.1mm
- > Unit in mm and inch (bracketed)

## General Specifications:

### MECHANICAL

- > Stroke: 0.15±0.1 mm
- > Operating Temperature Range: -20°C to +70 °C
- > Storage Temperature Range: -30°C to +80°C

### ELECTRICAL

- > Rating: 50mA 12VDC
- > Contact Resistance: 100mΩ Max.
- > Insulation Resistance: 100MΩ Min. at 100 VDC
- > Dielectric Strength: 100VAC / 1 minute ±5
- > Contact Arrangement: 1P1T
- > Electrical Life: 500,000 cycles (160gf)  
50,000 cycles (235gf)

### MATERIALS

- > Halogen-Free Materials
  - Br < 900 ppm
  - Cl < 900 ppm
  - Br+Cl < 1500 ppm
- > Base: UL 94V-0 LCP High Temp Thermoplastic black
- > Contact: Stainless steel with silver cladding
- > Terminal: Phosphor bronze with silver cladding
- > Tape: Kapton