

# TS-1123A & TS-1123A1(L-shaped recessed type) 4.6x2.2mm SMT Side Actuated Tactile



## Description

TS-1123A series is compact size tactile switch designed for high-end consumer and medical devices. There is a need to get smaller and reliable switches for designs that has limited PCB space. TS-1123A is an important addition to the portfolio. The switch is ideal for applications such as sports watch, hearing aids, as well as the latest IoT portable device.

## Features & Benefits

- 4.6 x 2.2 x 2.6 mm package
- Height 0.95 mm above PCB (edge mount)
- Side actuation
- SMT termination with or without L-shape shield
- Hard & soft actuator options
- 160 & 350 gf versions
- Lifecycles100K

## Applications

- Mobile headphone/ Headset
- Health monitoring
- Sports watch
- Black box
- Bluetooth accessory

### Specifications

<b>Function</b>	Momentary action
<b>Contact Arrangement</b>	1 make contact = SPST NO
<b>Terminals</b>	SMT Termination
<b>Travel</b>	0.2 ± 0.1 mm
<b>Life cycle</b>	100,000 cycles

### Electrical Characteristics

<b>Max. Voltage</b>	15 VDC
<b>Max. Current DC</b>	20 mA
<b>Contact Resistance</b>	100 mΩ
<b>Insulation Resistance</b>	100 MΩ min
<b>Dielectric Voltage</b>	AC 250V

### Environmental Characteristics

<b>Operating Temperature</b>	-40°C to 85°C
<b>Storage Temperature</b>	-40°C to 85°C

### Process

<b>Soldering</b>	This component is suited to the following methods: Infrared Reflow Soldering in accordance with IEC61760-1
<b>Packaging</b>	2,500 pieces per reel

**Notes:**

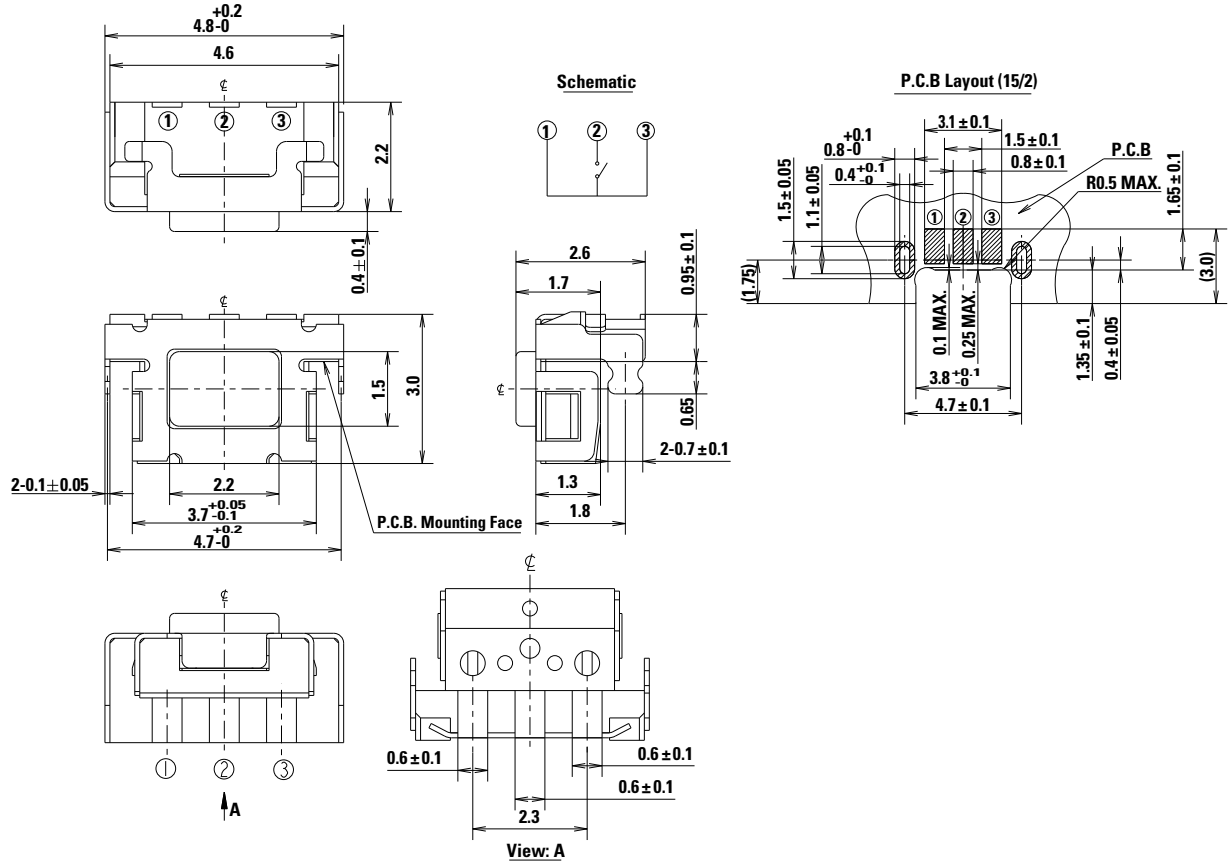
The PTS series is not certified for using in Automotive application and no PPAR. However, in the case of some automotive accessories and specific applications for 2 and 3 wheeled vehicles the PTS is widely used and very suitable. Please contact your local representative to discuss your application and the best switch solution.



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TS-1123A1

Edge Mounting with L-shape Shield Termination (Hard Actuator Version)



Tape & Reel

