

TS-1124 Series

4.5x3.4mm SMT Side Actuated Tactile Switch



Specifications

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

Electrical Characteristics

Max. Voltage	12 VDC
Max. Current DC	50 mA
Dielectric Voltage	10 mA
Contact Resistance	100 mΩ
Insulation Resistance	100 mΩ min.

Environmental Characteristics

Operating Temperature	-40°C to 90°C
Storage Temperature	-30°C to 80°C

Description

TS-1124 series, the small and compact size side actuated tactile switch, has a size of only 4.5 x 3.4 x 3.3 mm. With the small and compact size, the switch allows designers to either free up space in PCB to add additional functionality, or reduce the overall size of their design. 0.8N, 1.6N and 2.6N operating forces, which are the most common versions used in the market, are available. Bracket peg design of the switch provides premium quality and performance. TS-1124 tactile switch accommodates a wide range of applications in the high-end consumer wearable and medical device markets, where compact solution is required.

Features & Benefits

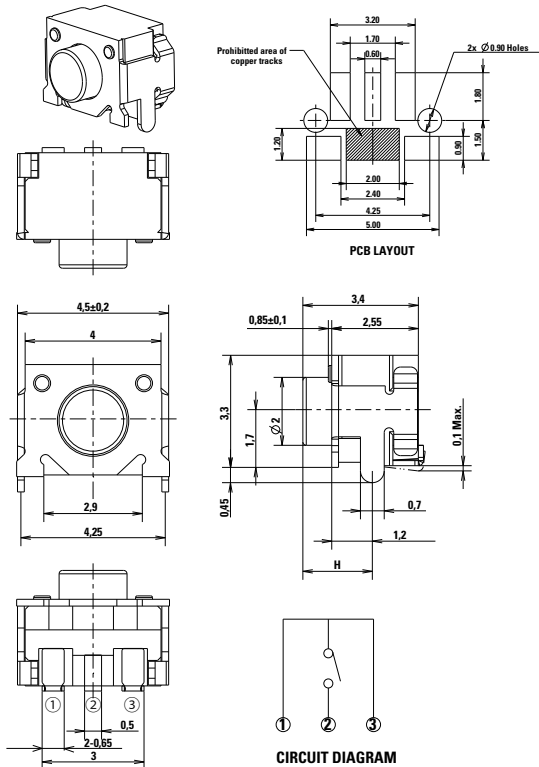
- 4.5 x 3.4 x 3.3 mm package
- SMT termination
- Side actuated with bracket peg design
- 0.8N, 1.6N & 2.6N versions
- Up to 100,000 life cycles

Applications

- Mobile radios
- Dash cameras
- Gaming peripherals
- Home automation

Dimensions (mm)

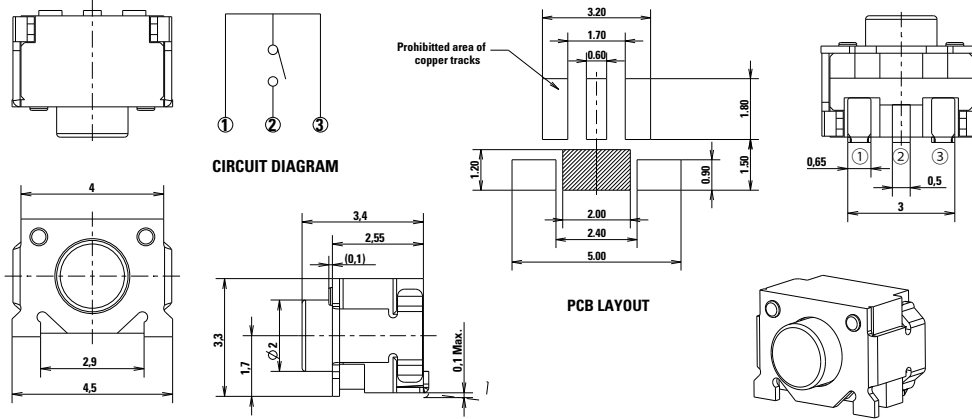
With peg



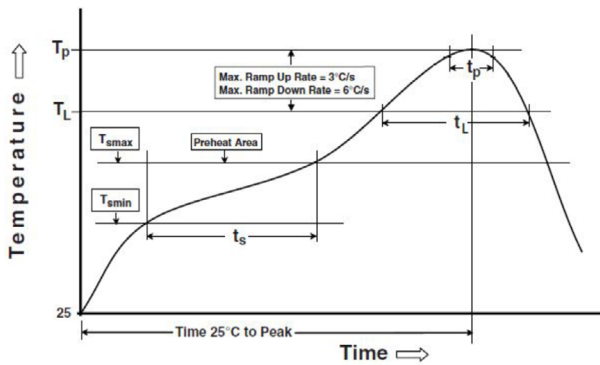
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Without peg



Soldering Profile



T_p	Peak package body temperature 260°C
T_L	Liquidous temperature 217°C
T_s	Preheat temperature 150-200°C
t_s	Preheat time 60-120s
t_p	30s
t_L	60-150s

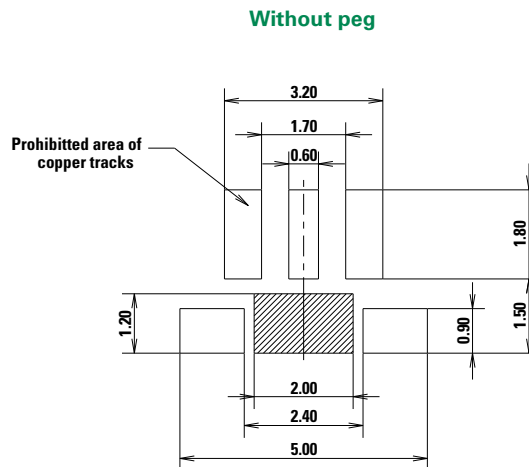
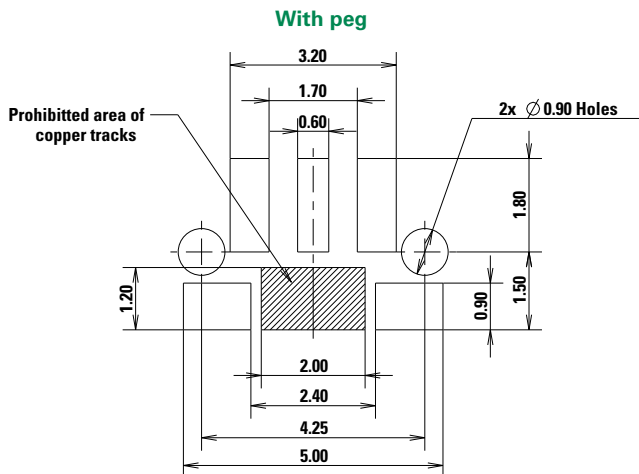
Soldering: This component is suited to the following methods:

Infrared Reflow Soldering in accordance with IEC61760-1

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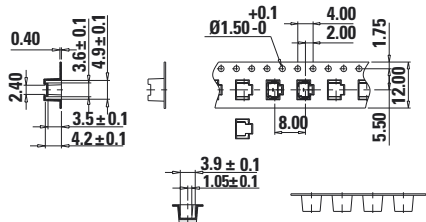
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Pad Layout Dimensions (mm)

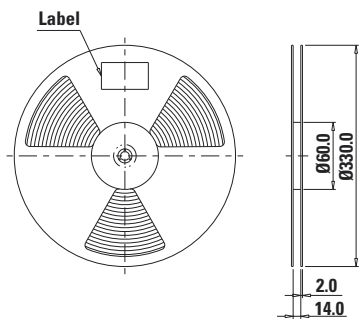
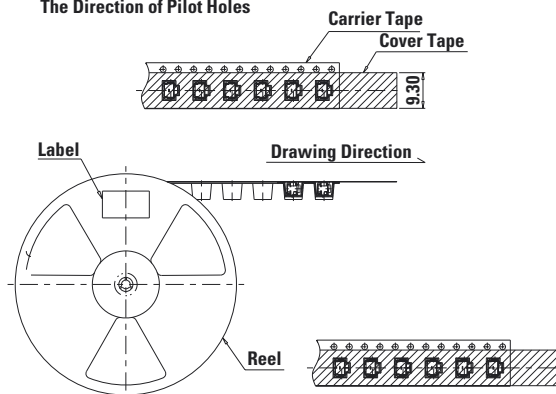


Packaging Dimensions (mm)

The Dimension of Carrier Tape, Cover Tape and Reel



The Direction of Pilot Holes



The Specification for Packaging

