

# PTS645 V SMT Series 6 mm SMT Side Actuated Tact Switch

# Features/Benefits



- Full SMT processing
- Strong PCB soldering pads
- Compact 6 x 6 mm design

# **Typical Applications**

- Consumer Products
- Set Top and Access Boxes
- Instrumentation
- Home and Garden Equipment



## **Specification**

FUNCTION: Momentary action

CONTACT ARRANGEMENT: 1 make contact = SPST, N.O.

TERMINALS: G type for SMT TRAVEL: 0.25 mm +0.2/-0.1 mm OPERATING LIFE: 100,000 cycles

# Mechanical

	Operating	Actuator Color
Part Number	Force (gf)	
PTS645 VX13 SMTR92 LFS	100 ± 30	Dark grey
PTS645 VX13 SMTR92 LFS	160 ± 50	Yellow green

#### **Electrical**

MAXIMUM VOLTAGE: 12 V DC MAXIMUM CURRENT: 50 mA

DIELECTRIC STRENGTH: 100 V AC (1mn) CONTACT RESISTANCE:  $\leq$  100 m $\Omega$  INSULATION RESISTANCE:  $\geq$  100 M $\Omega$ 

BOUNCE TIME:  $\leq$  10 ms

#### **Environmental**

OPERATING TEMPERATURE: -20°C to 70°C STORAGE TEMPERATURE: -30°C to 80°C

#### **Process**

SOLDERING: This component is suited to the following methods: Infrared Reflow Soldering in accordance with IEC61760-1

Recommended solder paste thickness is ≥ 15µm

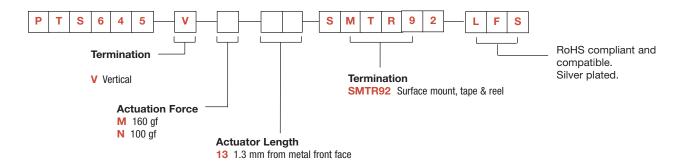
## **Packaging**

In reels of 650 pieces Dimensions of reels according to EIA 481B External diameter 330 mm

**NOTE**: Specifications listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

## **How To Order**

Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and and place it in the appropriate box.



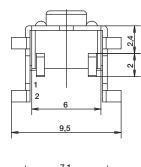


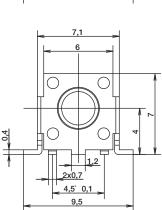
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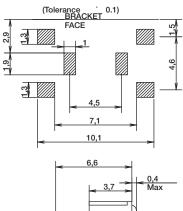
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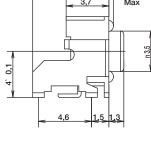


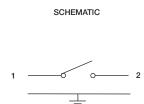
#### RECOMMENDED PCB LAYOUT

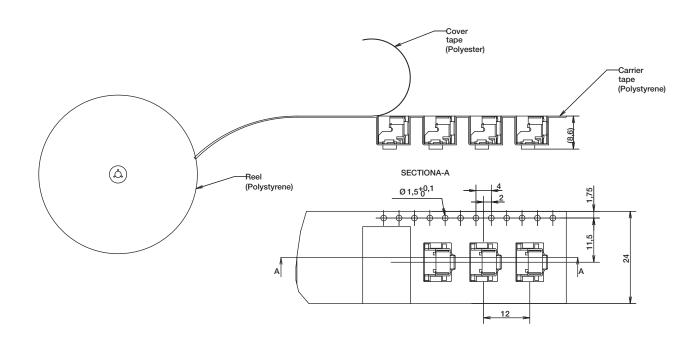














Dimensions are shown: mm Specifications and dimensions subject to change