

TPS645 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

Part Number	Operating Force (gf)	Actuator Color
TPS645 VN13 SMTR92 LFS	160 ± 30	
TPS645 VM13 SMTR92 LFS	260 ± 50	

Electrical

MAXIMUM VOLTAGE: 12 V DC
 MAXIMUM CURRENT: 50 mA
 DIELECTRIC STRENGTH: 100 V AC (1mn)
 CONTACT RESISTANCE: ≤ 100 mΩ
 INSULATION RESISTANCE: ≥ 100 MΩ
 BOUNCE TIME: ≤ 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

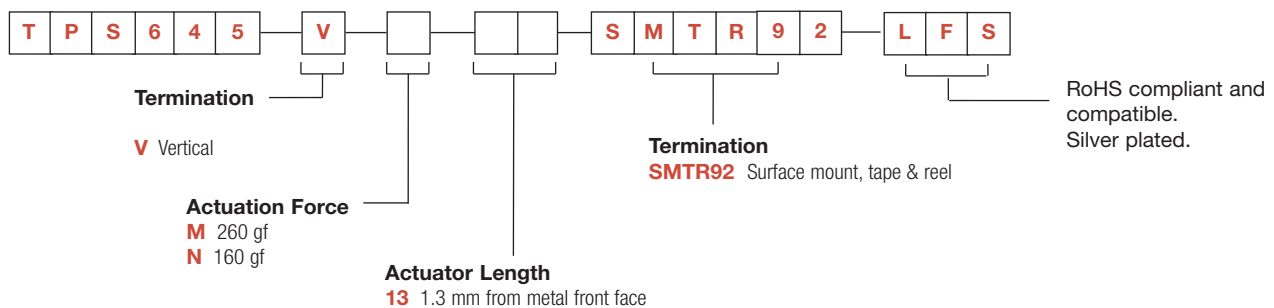
NOTE: Specifications listed above are for switches with standard options.
 For information on specific and custom switches, consult Customer Service Center.

B

Tactile Switches

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 place it in the appropriate box.



Dimensions are shown: mm
 Specifications and dimensions subject to change

WWW.ROCPU.COM

