

NEW

PTS647 Series 4.5 mm Tact Switch

Features/Benefits

- Compact size 4.5 x 4.5 mm
- SMT terminals
- Different actuator heights
- Choice of actuation forces
- Tape & reel

Typical Applications

- Consumer
- Industrial control panels
- Computer products

**B****Tactile Switches**

Part Number	Operating Force (gf)	Life	Height (H)
PTS647 SN38 SMTR2 LFS	100 +/- 50	100,000	3.8 mm
PTS647 SM38 SMTR2 LFS	180 +/- 50	100,000	3.8 mm
PTS647 SK38 SMTR2 LFS	250 +/- 50	100,000	3.8 mm
PTS647 SN50 SMTR2 LFS	100 +/- 50	100,000	5.0 mm
PTS647 SM50 SMTR2 LFS	180 +/- 50	100,000	5.0 mm
PTS647 SK50 SMTR2 LFS	250 +/- 50	100,000	5.0 mm
PTS647 SN70 SMTR2 LFS	100 +/- 50	100,000	7.0 mm
PTS647 SM70 SMTR2 LFS	180 +/- 50	100,000	7.0 mm
PTS647 SK70 SMTR2 LFS	250 +/- 50	100,000	7.0 mm

Mechanical

TRAVEL: 0.25 mm +/- 0.15 mm

Electrical

CONTACT RATING: 50 mA @ 12 V DC.

DIELECTRIC STRENGTH: 250 V AC min.

CONTACT RESISTANCE: 100 mΩ max. initial.

INSULATION RESISTANCE: 100 MΩ min.

Environmental

OPERATING TEMPERATURE: -20°C to 70°C

Packaging

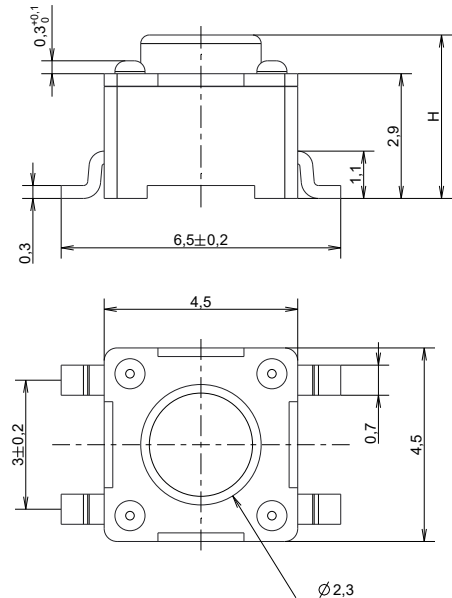
In reels of 1,000 pieces for 7.0 mm height

In reels of 1,500 pieces for 5.0 mm height

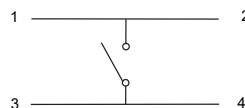
In reels of 2,000 pieces for 3.8 mm height

Dimensions of reels according to EIA RS481 or IEC 2863.

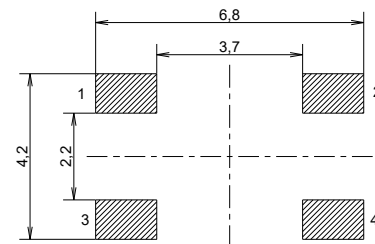
External diameter 330 mm ± 2 mm.



SCHEMATIC



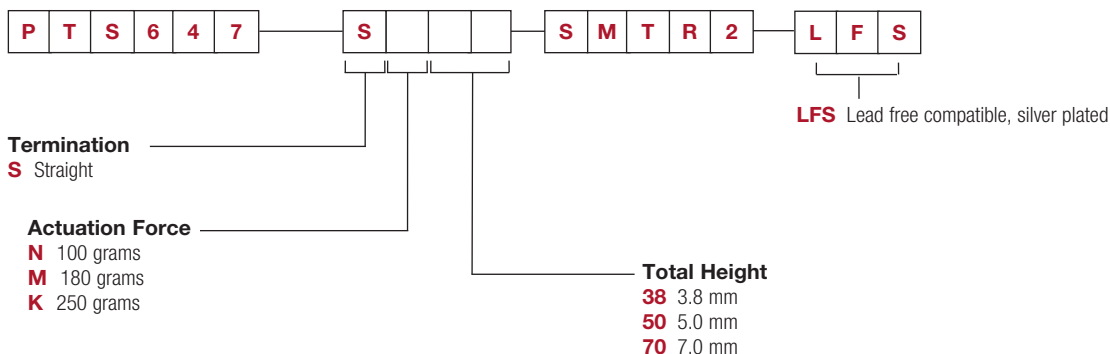
RECOMMENDED PCB LAYOUT



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.

For any part number different from those listed above, please consult your local representative.



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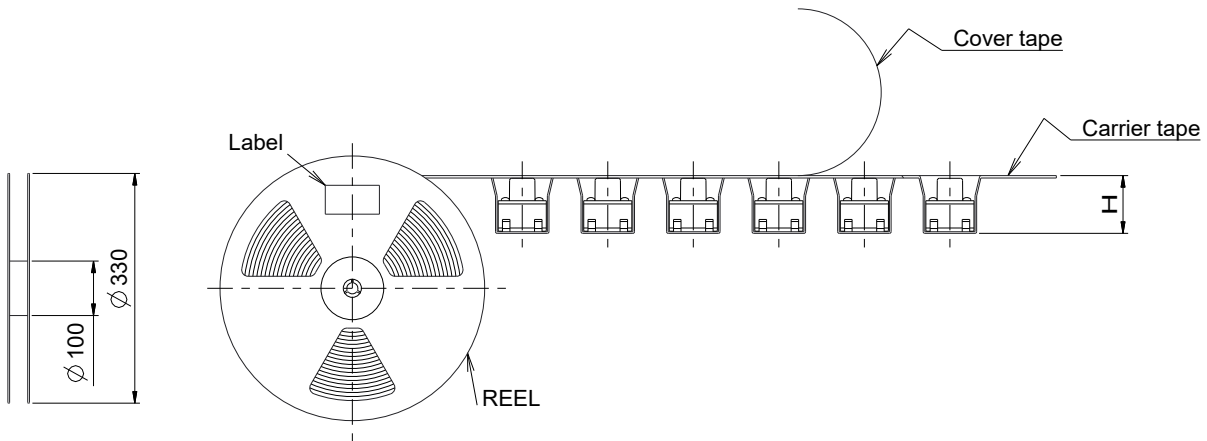
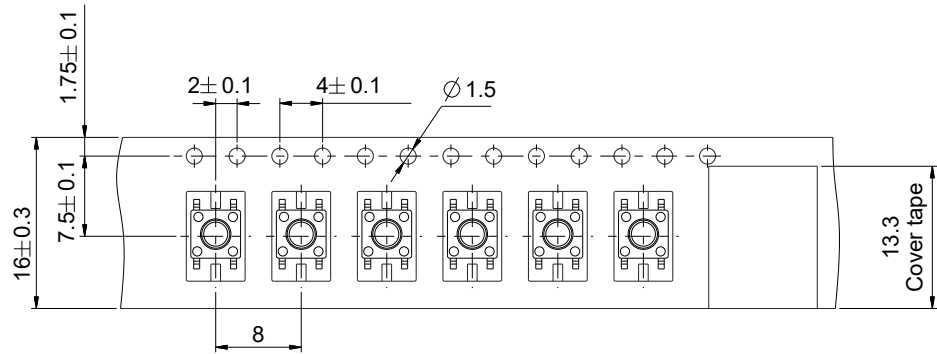
NEW

TAPE & REEL



B

Tactile Switches



Part Number	Pocket Height (H)
PTS647 SN38 SMTR2 LFS	4.2 mm
PTS647 SM38 SMTR2 LFS	4.2 mm
PTS647 SK38 SMTR2 LFS	4.2 mm
PTS647 SN50 SMTR2 LFS	5.4 mm
PTS647 SM50 SMTR2 LFS	5.4 mm
PTS647 SK50 SMTR2 LFS	5.4 mm
PTS647 SN70 SMTR2 LFS	7.2 mm
PTS647 SM70 SMTR2 LFS	7.2 mm
PTS647 SK70 SMTR2 LFS	7.2 mm

Mouser Electronics

Authorized Distributor

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C&K Switches:

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[PTS647SN70SMTR2LFS](#)