

PTS847 Series

4.6x2.2mm SMT Side Actuated Tact

NEW

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
- Lifecycles 200K

Typical Applications

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



Specifications

FUNCTION: momentary action
CONTACT ARRANGEMENT: 1 make contact = SPST N.O.
TERMINALS: SMT termination
TRAVEL: 0.15 mm
LIFE: 200,000 cycles

Electrical

MAXIMUM VOLTAGE: 15 VDC
MAXIMUM CURRENT DC: 20 mA
CONTACT RESISTANCE: 100 mΩ
INSULATION RESISTANCE: 100 MΩ min.
DIELECTRIC VOLTAGE: AC 250V

Environmental

OPERATING TEMPERATURE: -40°C to 85°C
STORAGE TEMPERATURE: -40°C to 85°C

Process

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

Packaging

2,500 pieces per reel

NOTE:

- The PTS series is not certified for using in Automotive application and no PPAP. 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 C&K representative to discuss your application and the best switch solution.

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.

P	T	S	8	4	7	M	M						S	M	T	R	2	L	F	S
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Actuation Force

160 160 gf

350 350 gf

Shield Termination

NONE Standard version

L With long type L-shape

Actuation Type

NONE Hard actuation

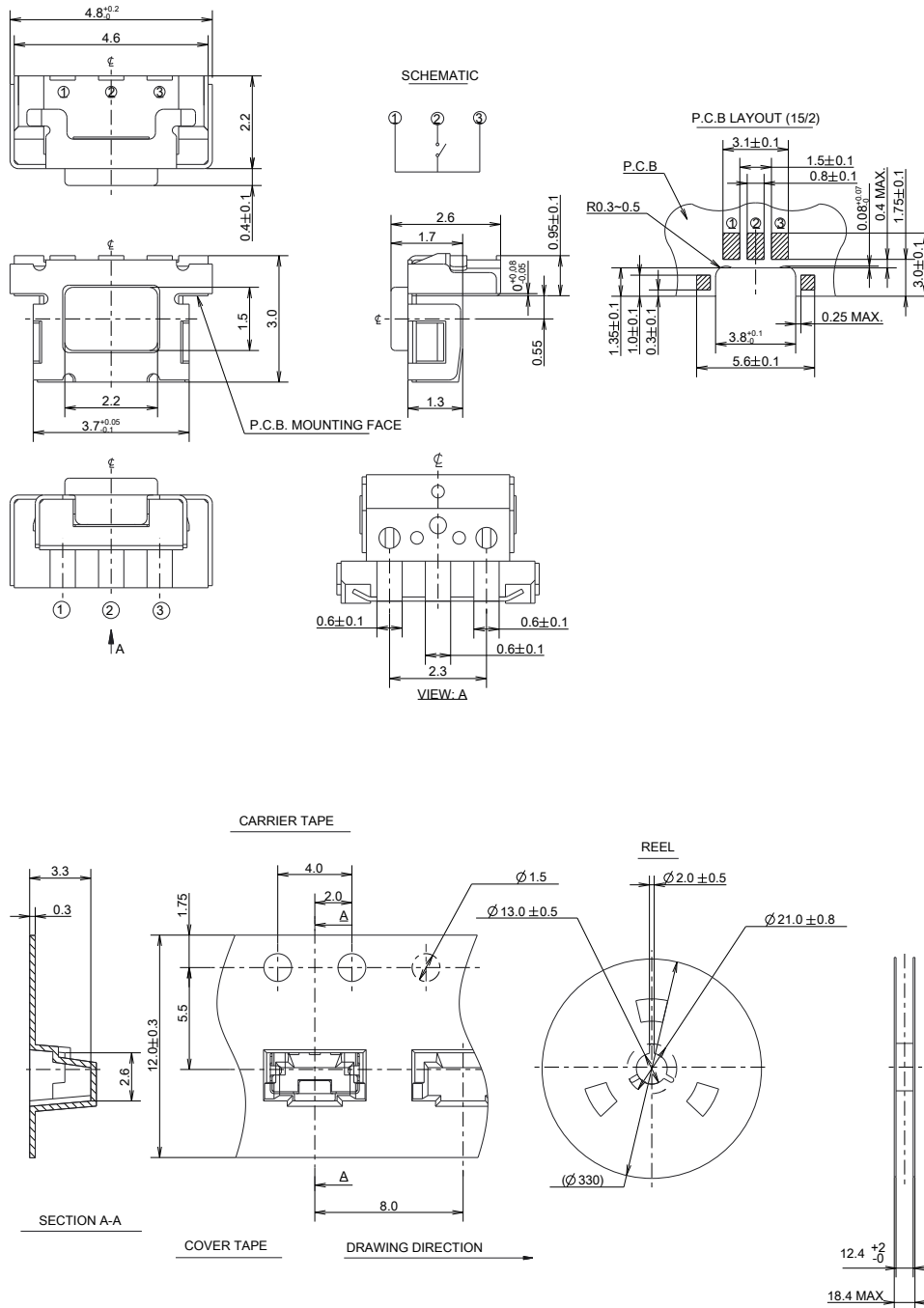
S Soft actuation

Lead free compatible

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PTS847 Series 4.6x2.2mm SMT Side Actuated Tact

STANDARD EDGE MOUNTING (HARD ACTUATOR VERSION)



B

Tactile Switches

PTS847 Series

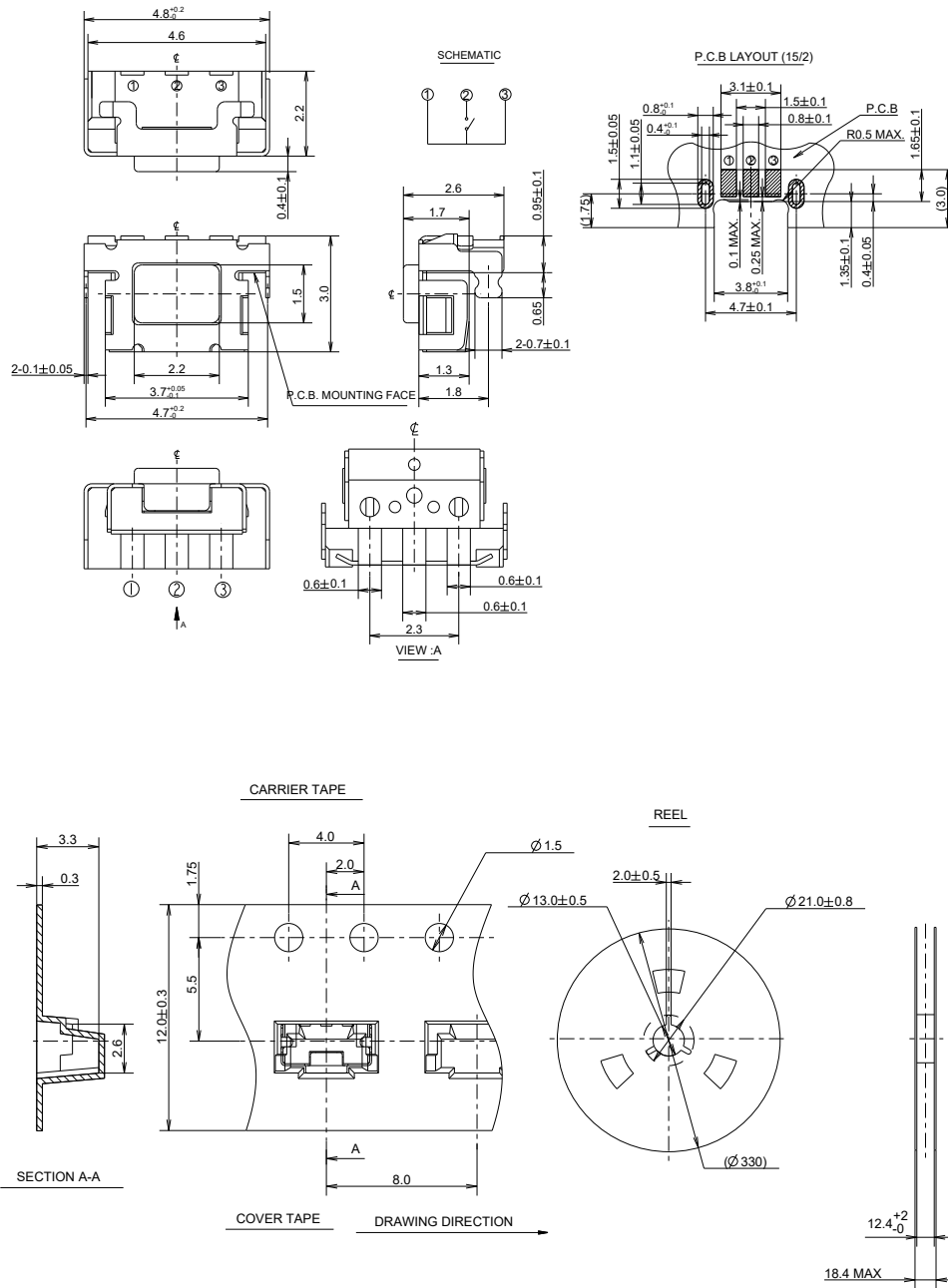
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EDGE MOUNTING WITH L-SHAPE SHIELD TERMINATION (HARD ACTUATOR VERSION)

Tactile Switches

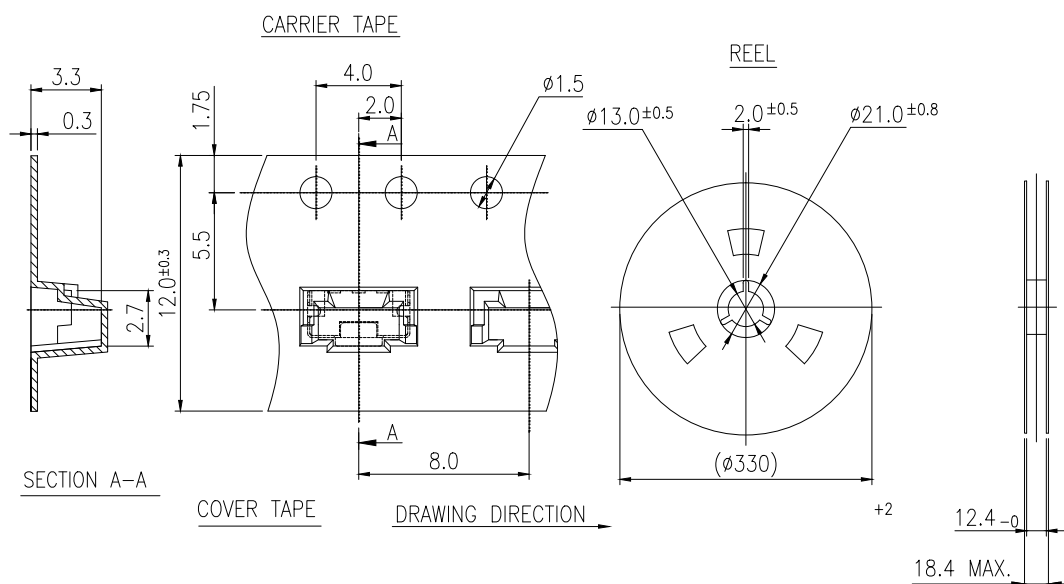
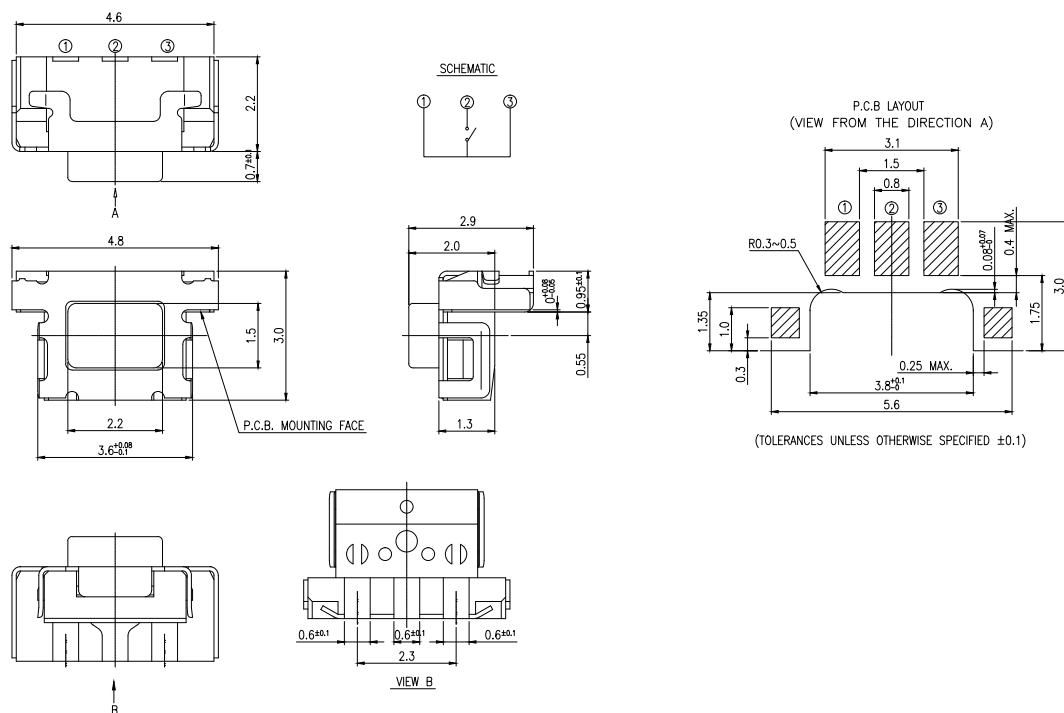
B



First Angle
Projection

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STANDARD EDGE MOUNTING (SOFT ACTUATOR VERSION)

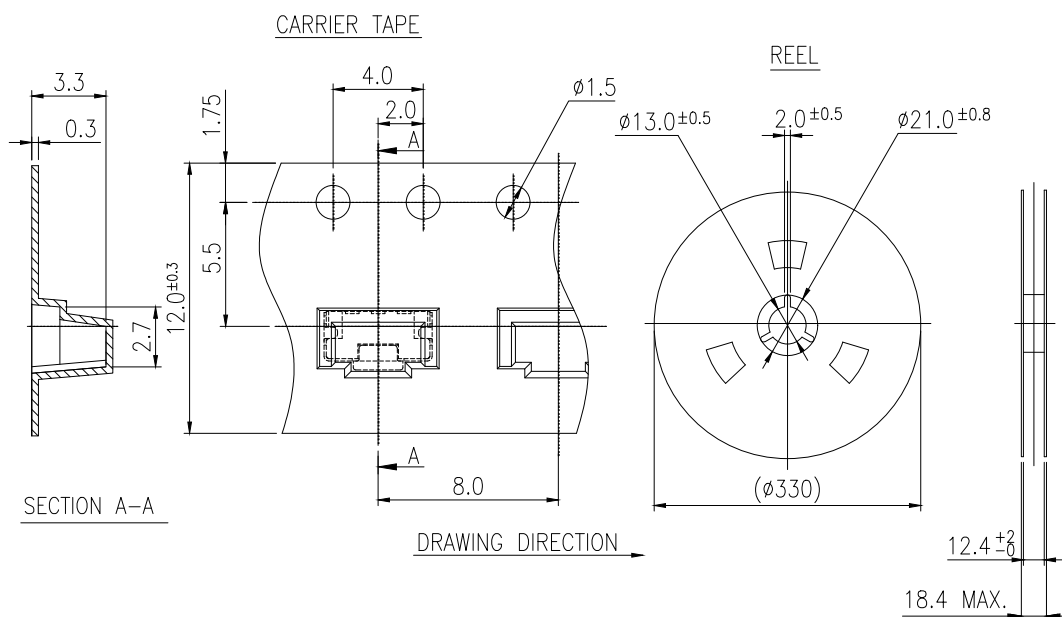
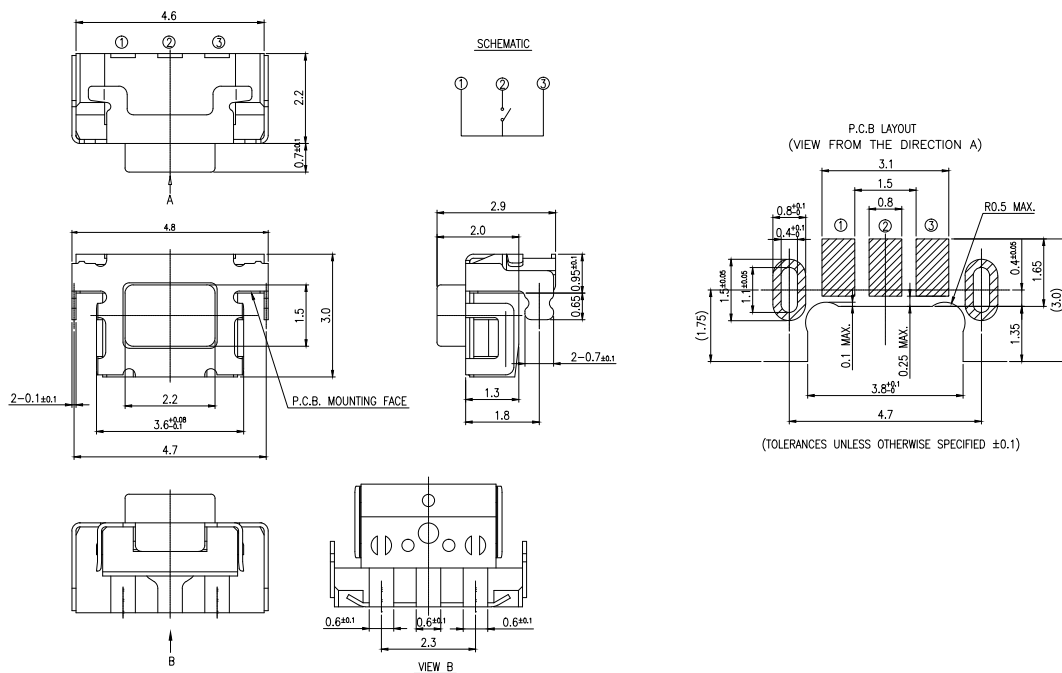


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EDGE MOUNTING WITH L-SHAPE SHIELD TERMINATION (SOFT ACTUATOR VERSION)

Tactile Switches

B



Mouser Electronics

Authorized Distributor

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