



**THE DATASHEET OF
PTS636 SM50 SMTR LFS**



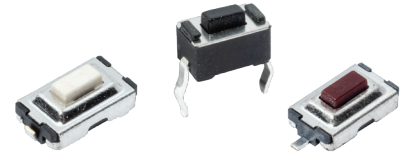
PTS636 Series 6.0 x 3.5 Top Actuated

Features/Benefits

- 6.0 x 3.5 mm footprint
- Multiple heights
- THT or SMT type

Typical Applications

- IoT devices
- Home automation
- Remote controls



Specification

FUNCTION: Momentary action
CONTACT ARRANGEMENT: 1 make contact = SPST, N.O.
TERMINALS: THT, J, G and F type for SMT

Electrical

MAXIMUM VOLTAGE: 12 VDC
MAXIMUM CURRENT DC: 50 mA
DIELECTRIC STRENGTH: 250 VA C (1mn)
CONTACT RESISTANCE: ≤ 100 m Ω
INSULATION RESISTANCE: ≥ 100 M Ω
BOUNCE TIME: ≤ 10 ms
TRAVEL: 0.25 ± 0.1 mm

Environmental

OPERATING TEMPERATURE: -40°C to 90°C

Life Cycles

Height (mm)	Force	Operating Life
2.5mm	180gf \pm 30gf	70,000
	250gf \pm 50gf	100,000
4.3mm & 5.0mm	130gf \pm 50gf	50,000
	180gf \pm 50gf	50,000
	250gf \pm 50gf	30,000
	320gf \pm 50gf	20,000

Process

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

Packaging

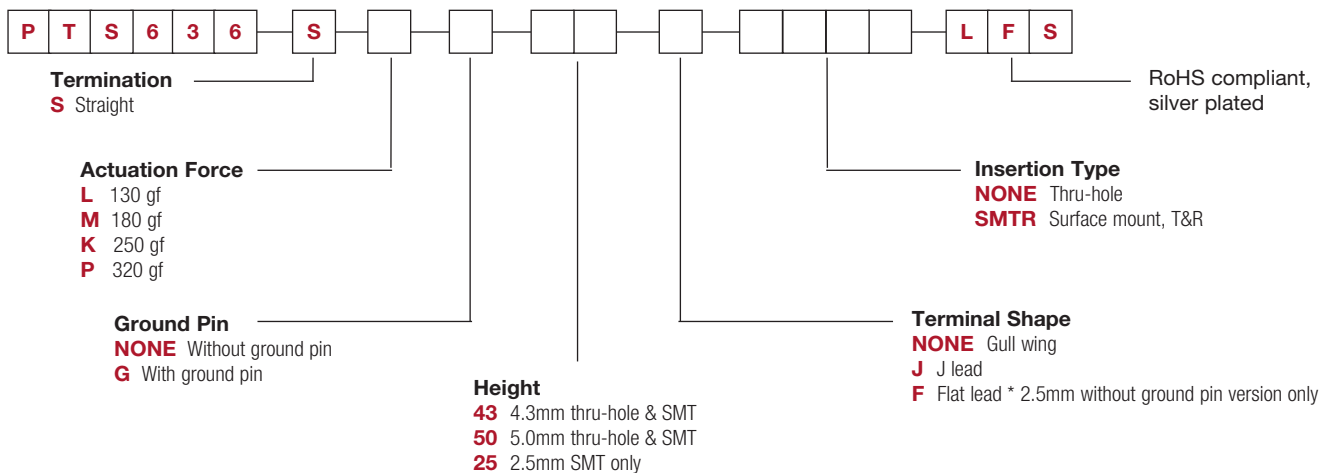
In bags of 1,000 pcs for THT
In reels of 3,000 pieces for 2.5 mm height
In reels of 1,500 pieces for 4.3 and 5.0 mm height
Dimensions of reels according to EIA 481B
External diameter 330 mm

NOTE:

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

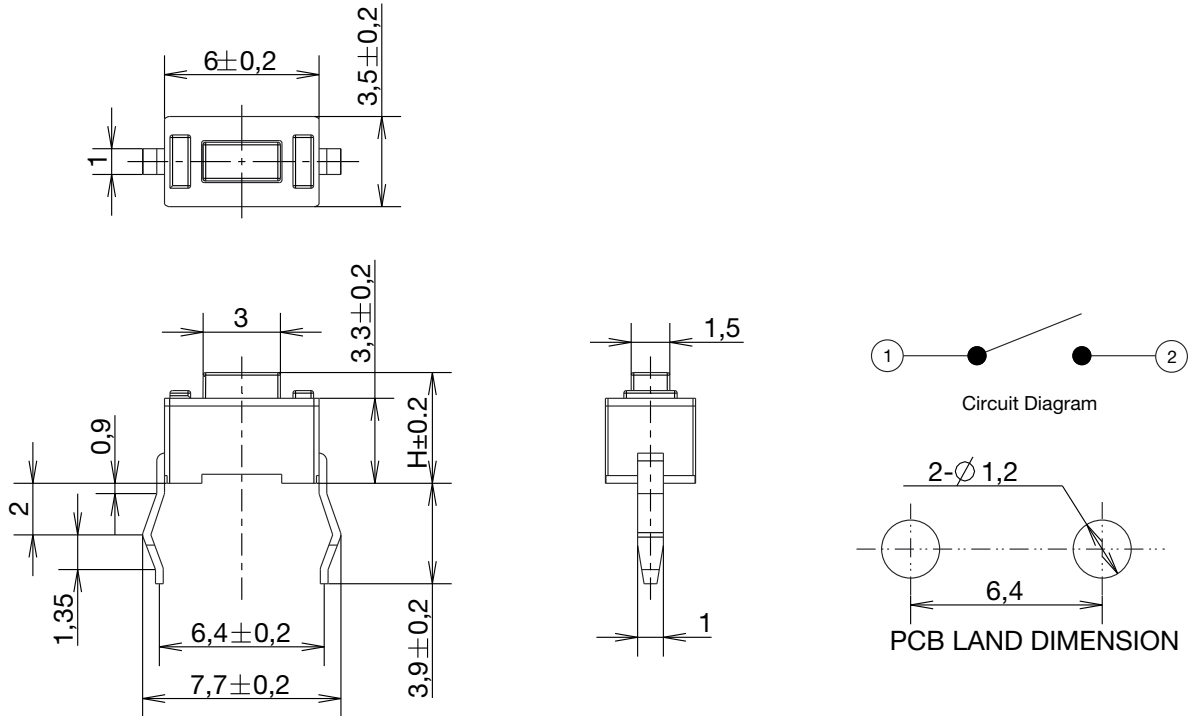
How To Order

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.

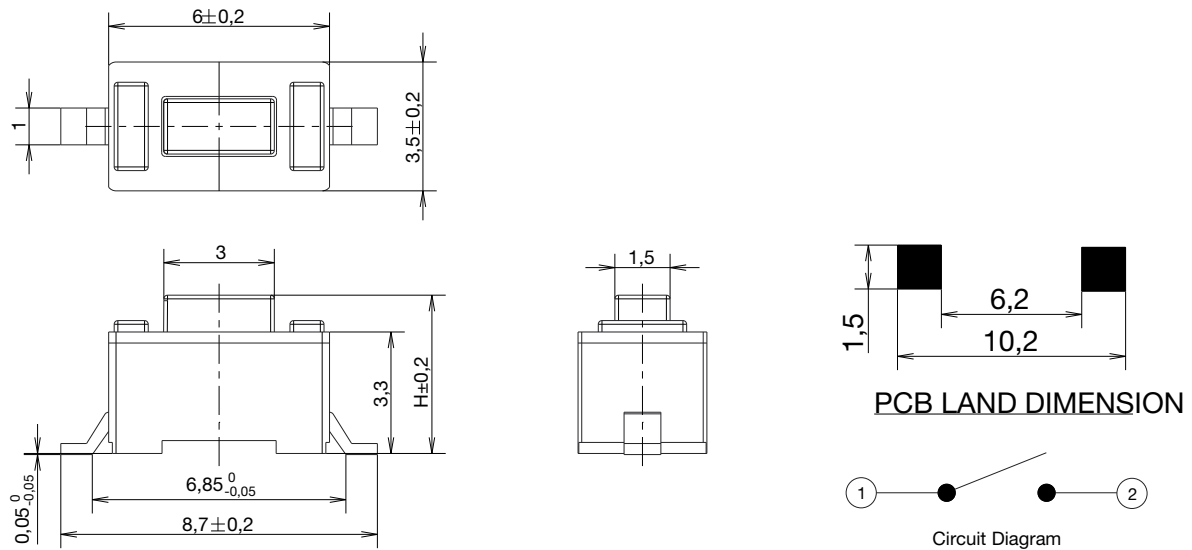


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THT versions (4.3 & 5.0 mm height)



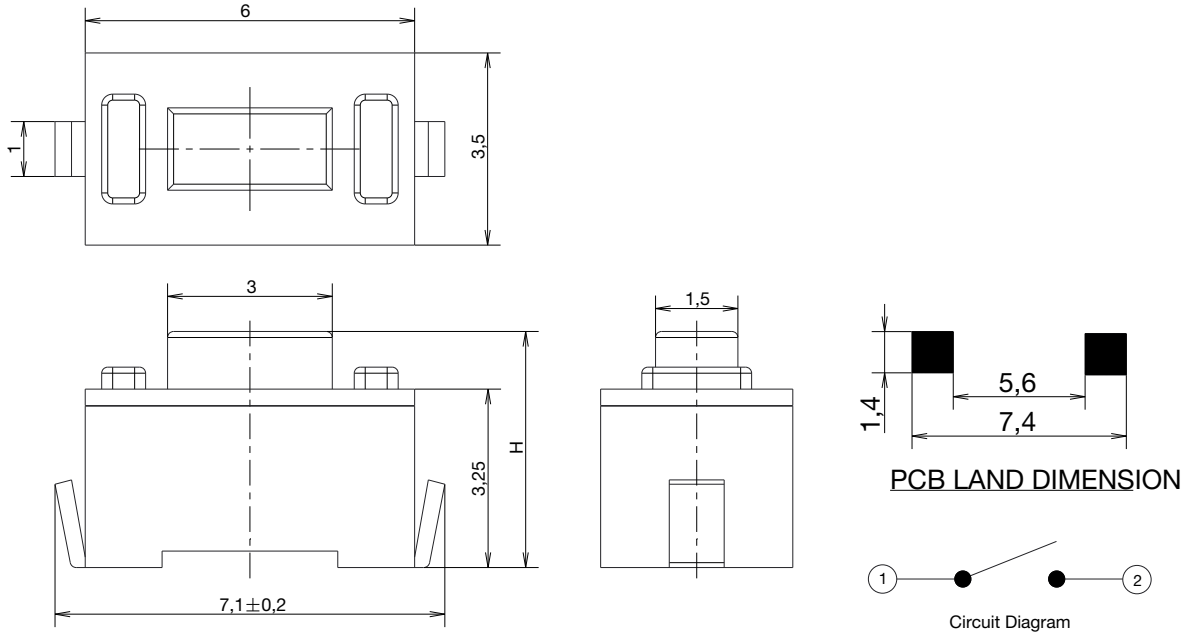
SMT G leads (4.3 & 5.0 mm height)



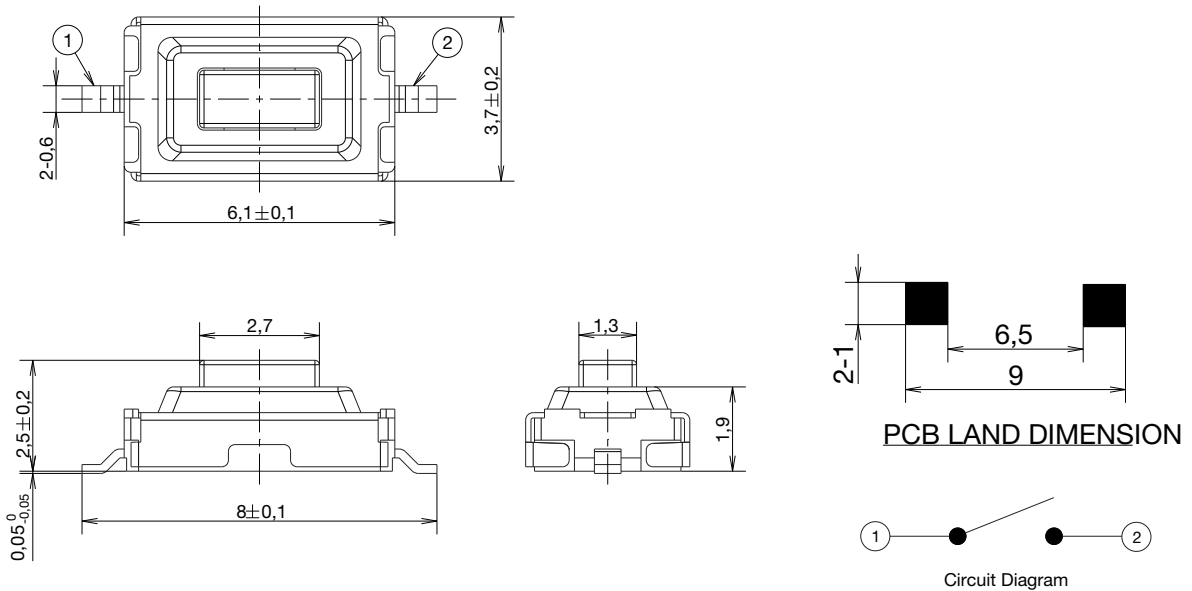
Dimensions are shown: mm
Specifications and dimensions subject to change

PTS636 Series 6.0 x 3.5 Top Actuated

SMT J leads (4.3 & 5.0 mm height)

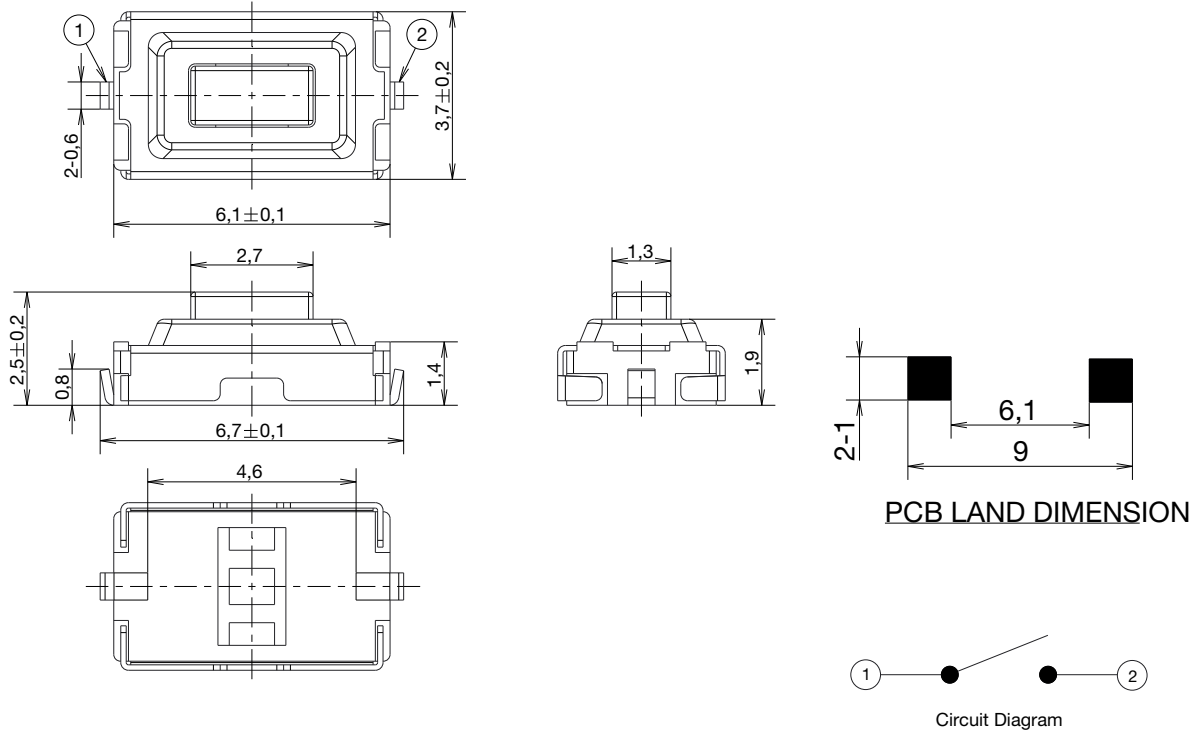


SMT G leads (2.5 mm height)

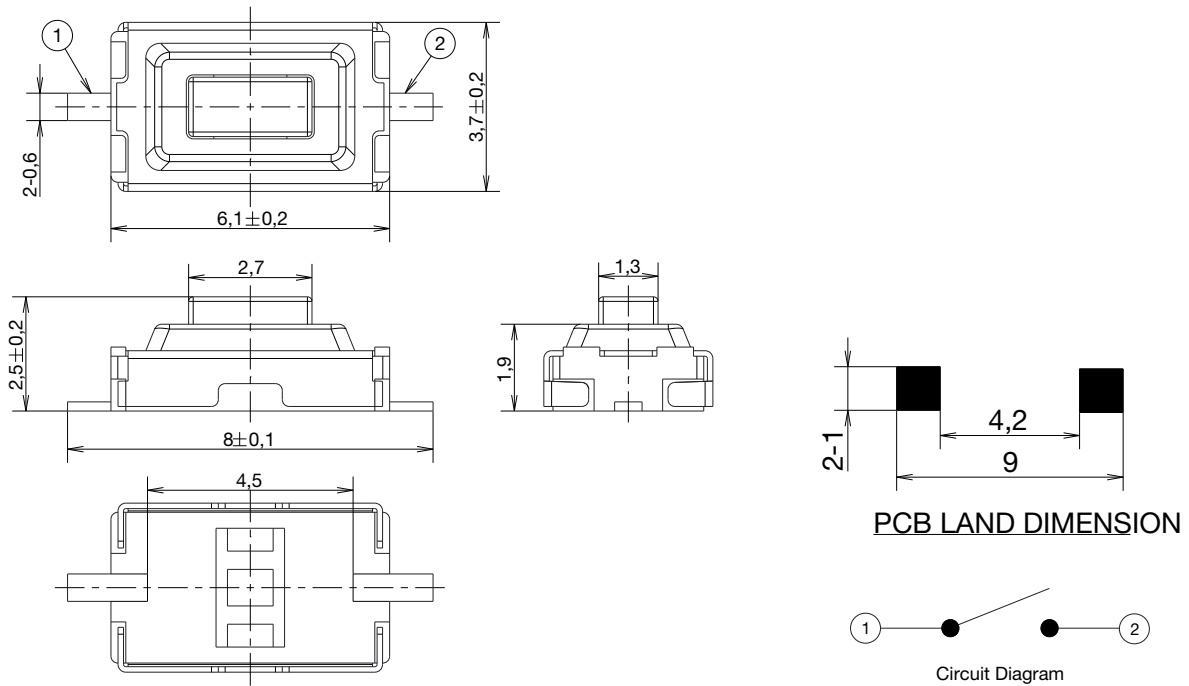


PTS636 Series 6.0 x 3.5 Top Actuated

SMT J leads (2.5 mm height)



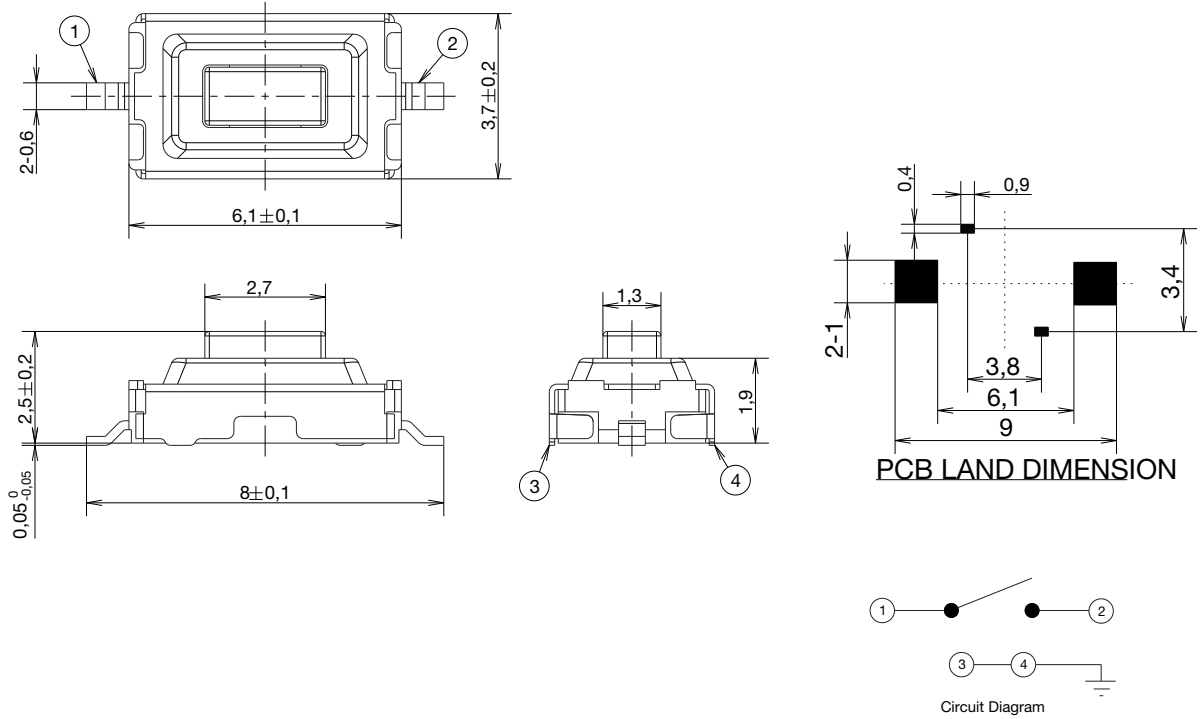
SMT F leads (2.5 mm height)



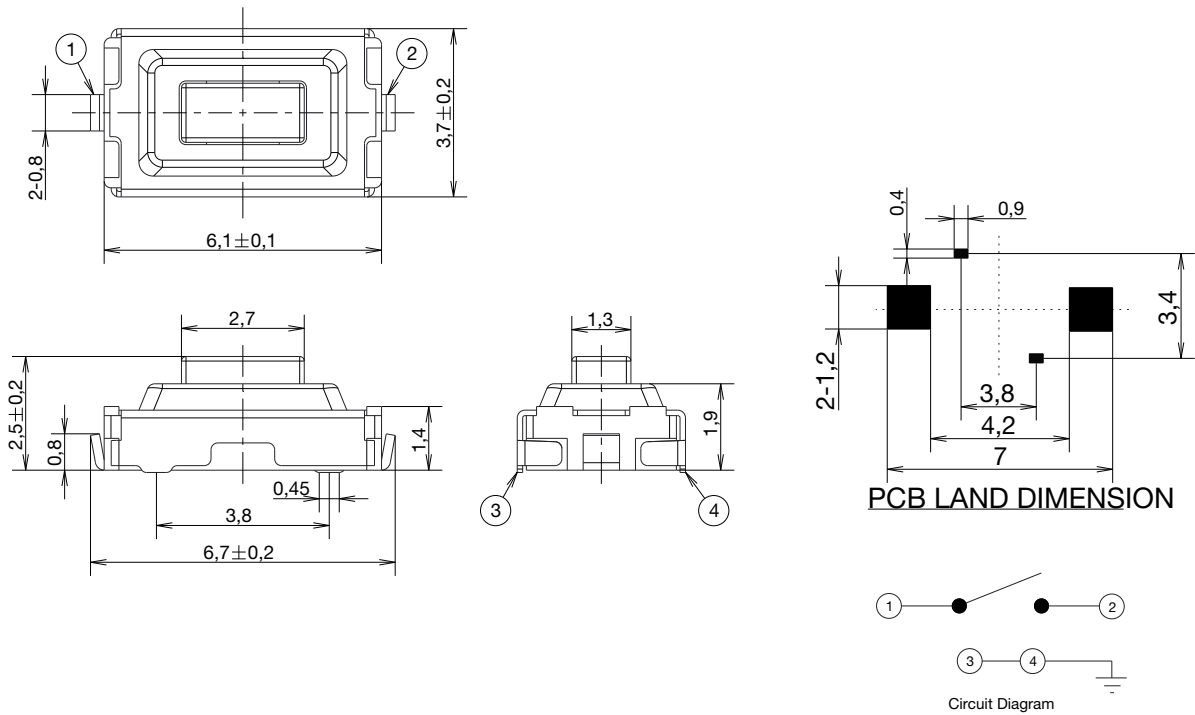
Dimensions are shown: mm
Specifications and dimensions subject to change

PTS636 Series 6.0 x 3.5 Top Actuated

SMT G leads, with ground pin (2.5 mm height)



SMT J leads, with ground pin (2.5 mm height)

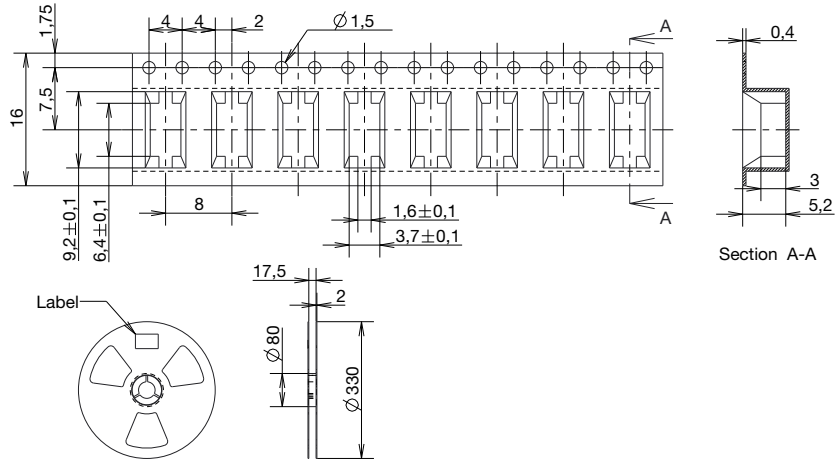


PTS636 Series 6.0 x 3.5 Top Actuated

PACKAGING

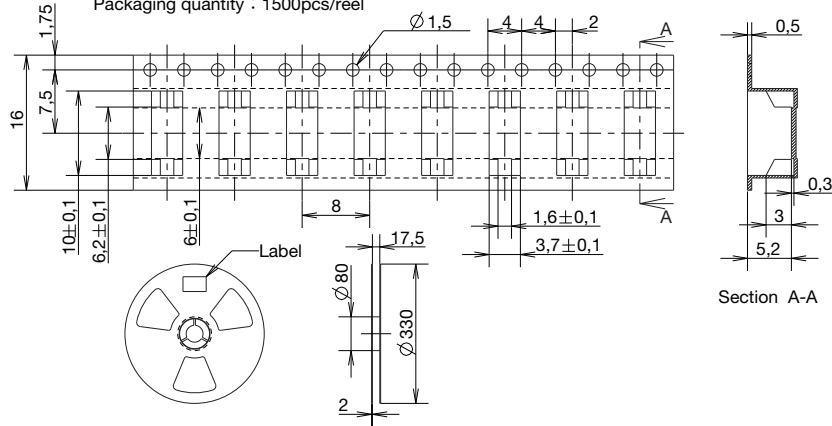
4.3 and 5.0 mm height - G leads

THE DIMENSION OF CARRIER TAPE AND REEL
Packaging quantity : 1500pcs/reel



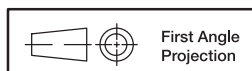
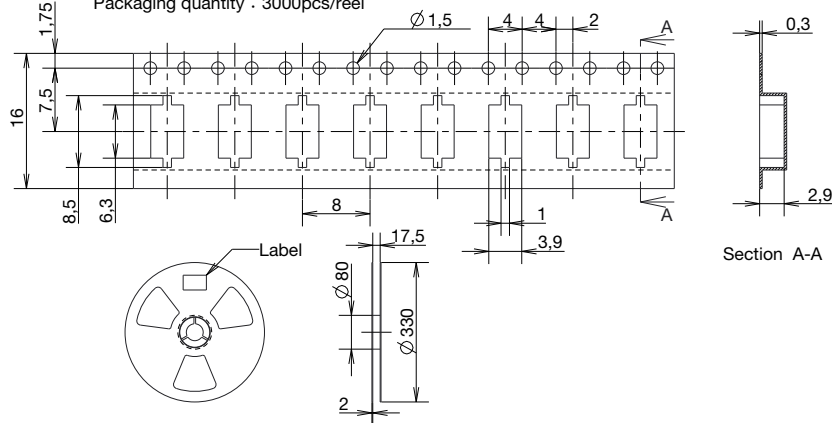
4.3 and 5.0 mm height - J leads

THE DIMENSION OF CARRIER TAPE AND REEL
Packaging quantity : 1500pcs/reel



2.5 mm height

THE DIMENSION OF CARRIER TAPE AND REEL
Packaging quantity : 3000pcs/reel



Dimensions are shown: mm
Specifications and dimensions subject to change

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- ⊖ [View PTS636 SM50 SMTR LFS](#) on WIN SOURCE
- ⊖ [C&K Components](#) Information

Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management