

NEW

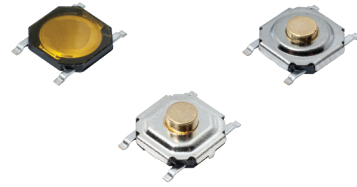
PTS526 Series Microminiature SMT Top Actuated

Features/Benefits

- 5.2 x 5.2 mm footprint
- Variable thickness
- Commercial grade

Typical Applications

- IoT devices
- Home automation
- Remote controls



Specifications

FUNCTION: momentary action
 CONTACT ARRANGEMENT: 1 make contact = SPST N.O.
 TERMINALS: J and G type for SMT
 TRAVEL: 0.25 mm +/- 0.1 mm

Item Description	Operation Force (gf)	Operating Life	Ground Pin
PTS526SM***SMTR2 LFS	160 ± 50	500,000	Without ground pin
PTS526SK***SMTR2 LFS	250 ± 50	200,000	Without ground pin
PTS526SP***SMTR2 LFS	320 ± 50	100,000	Without ground pin
PTS526SMG***SMTR2 LFS	160 ± 50	500,000	With ground pin
PTS526SKG***SMTR2 LFS	250 ± 50	200,000	With ground pin
PTS526SPG***SMTR2 LFS	320 ± 50	100,000	With ground pin
PTS526SM****SMTR21 LFS	160 ± 50	1,000,000	Without ground pin
PTS526SMG****SMTR21 LFS	160 ± 50	1,000,000	With ground pin

* PTS526SX08 SMTR2 LFS 160gf version with 200,000 life cycles

Environmental

OPERATING TEMPERATURE: -40°C to 85°C

Electrical

MAXIMUM VOLTAGE: 12 VDC
 MAXIMUM CURRENT DC: 50 mA
 DIELECTRIC STRENGTH: 250 VA C (1mn)
 CONTACT RESISTANCE: ≤ 100 mΩ initial
 INSULATION RESISTANCE: ≥ 100 MΩ
 BOUNCE TIME: ≤ 10 ms

Process

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

Packaging

In reels of 5,000 pieces for 0.8 mm height
 In reels of 4,000 pieces for 1.5 ; 1.7 and 2.0 mm height
 Dimensions of reels according to EIA 481B
 External diameter 330 mm

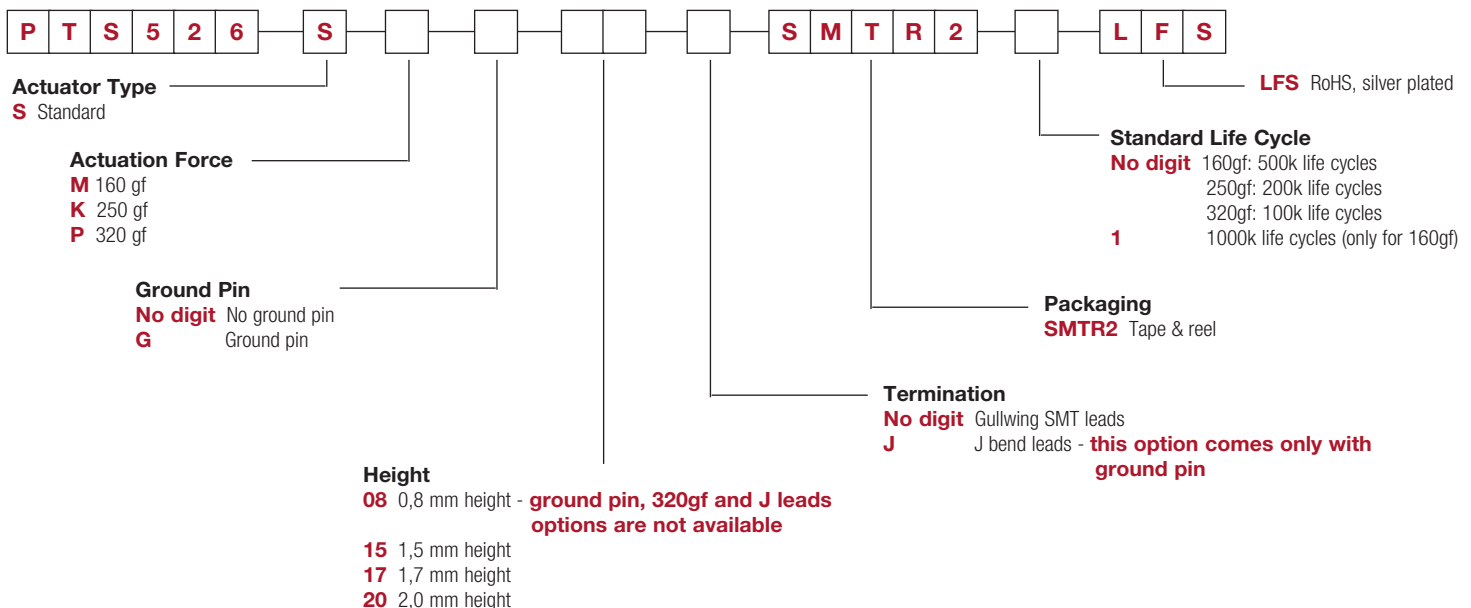
NOTE:

- 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.

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



14 Nov 22

B-33

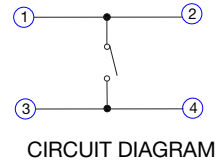
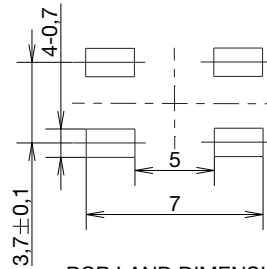
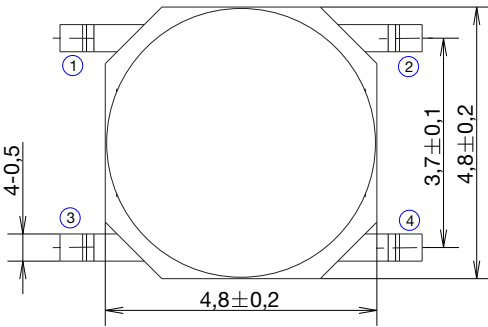
Dimensions are shown: mm
 Specifications and dimensions subject to change

www.ckswitches.com

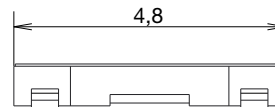
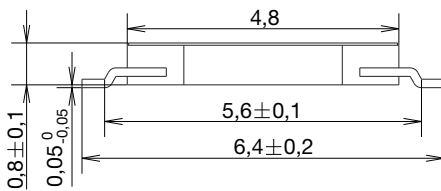
PTS526 Series Microminiature SMT Top Actuated

NEW

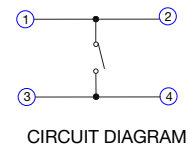
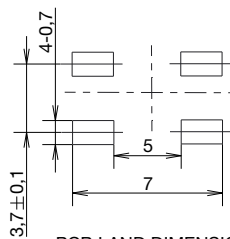
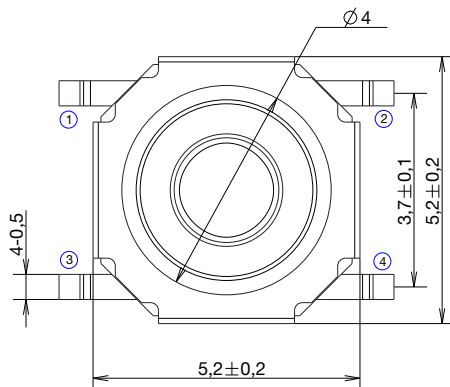
0.8 mm height – G leads lead only, no ground pin



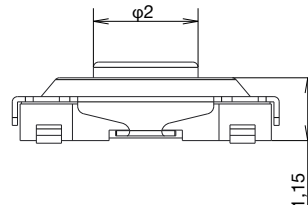
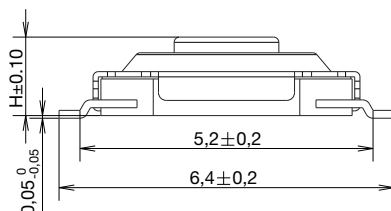
PCB LAND DIMENSION



1.5 ; 1.7 and 2.0 mm height – G leads, no ground pin



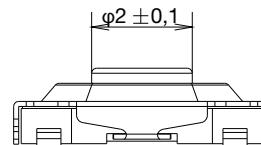
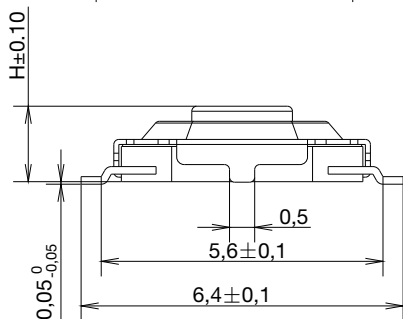
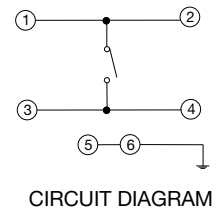
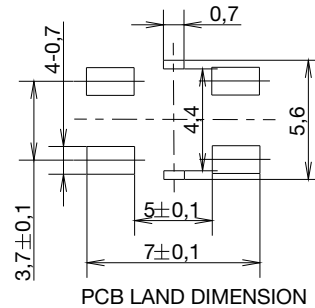
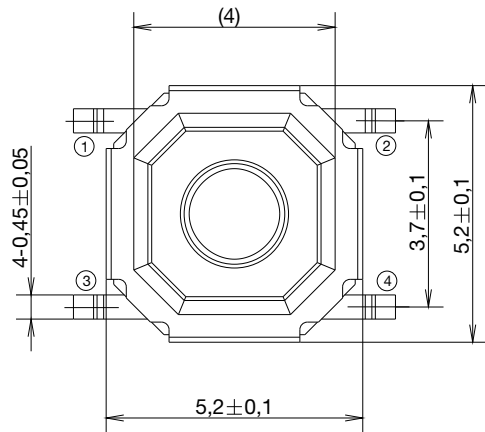
PCB LAND DIMENSION



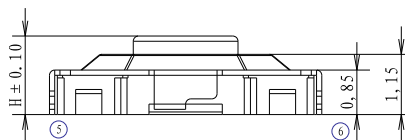
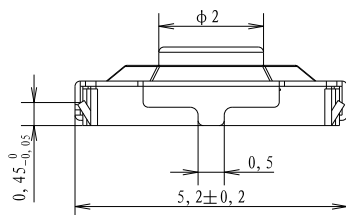
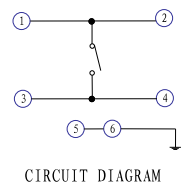
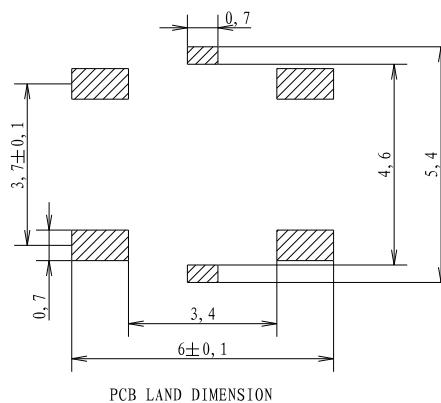
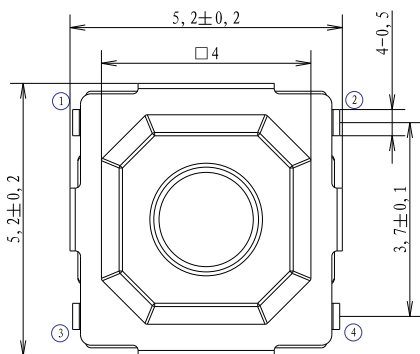
NEW

PTS526 Series Microminiature SMT Top Actuated

1.5 ; 1.7 and 2.0 mm height – G leads, with ground pin



1.5 ; 1.7 and 2.0 mm height – J leads, with ground pin



NEW

Tactile Switches

Technical drawing of a rectangular plate with a circular hole and a label. The drawing includes a top view and a side view.

Top View Dimensions:

- Overall width: 330 mm
- Overall height: 125 mm
- Hole diameter: $\varnothing 80$ mm
- Distance from top edge to hole center: 125 mm
- Distance from bottom edge to hole center: 125 mm
- Distance from left edge to hole center: 125 mm
- Distance from right edge to hole center: 125 mm
- Label position: 125 mm from the top edge, 125 mm from the left edge.

Side View Dimensions:

- Plate thickness: 2 mm

Technical drawing of a mechanical part, showing a side view and a circular cross-section.

Side View Dimensions:

- Overall height: 12
- Top flange thickness: 5,35
- Distance from top flange to first hole: 1,75
- Hole diameter: $\varnothing 1,5$
- Distance between holes: 4
- Distance from last hole to bottom flange: 4
- Bottom flange thickness: 2,2
- Distance from bottom flange to centerline: 1,5
- Section line A-A: 0,3
- Section line B-B: 7,1
- Overall length: 8
- Distance from left edge to first hole: 6,7
- Distance between holes: 5,1
- Distance from last hole to right edge: 1,75
- Distance from left edge to centerline: 4,1
- Distance from centerline to right edge: 1,2
- Distance from centerline to right edge: 5,3
- Distance from centerline to right edge: 13,5
- Distance from centerline to right edge: 2
- Overall width: 5,5

Circular Cross-Section:

- Central hole diameter: $\varnothing 1,2$
- Central slot width: 2
- Label: Label
- Section line A-A: 0,3
- Section line B-B: 7,1
- Overall diameter: $\varnothing 80$
- Overall length: 330



www.ckswitches.com

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

C&K Switches:

[PTS526 SK08 SMTR2 LFS](#) [PTS526 SK15 SMTR2 LFS](#) [PTS526 SKG15 SMTR2 LFS](#) [PTS526 SKG15J SMTR2 LFS](#)
[PTS526 SM08 SMTR2 LFS](#) [PTS526 SM15 SMTR2 LFS](#) [PTS526 SMG15 SMTR2 LFS](#) [PTS526 SMG15J SMTR2 LFS](#)
[PTS526SM15SMTR21 LFS](#) [PTS526SM17SMTR21 LFS](#) [PTS526SM20SMTR21 LFS](#) [PTS526SMG15SMTR21 LFS](#)
[PTS526SMG17SMTR21 LFS](#) [PTS526SMG20SMTR21 LFS](#) [PTS526SK15SMTR2 LFS](#) [PTS526SM15SMTR2 LFS](#)
[PTS526SMG15SMTR2 LFS](#) [PTS526SM08SMTR2 LFS](#) [PTS526SMG15JSMTR2 LFS](#) [PTS526SK08SMTR2 LFS](#)
[PTS526SKG15JSMTR2 LFS](#) [PTS526SKG15SMTR2 LFS](#)