### 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

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

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

### Electrical

**Maximum Voltage:** 12 VDC  
**Maximum Current DC:** 50 mA  
**Dielectric Strength:** 250 VA C (1mn)  
**Contact Resistance:** $\leq 100 \, \text{m}\Omega$ initial  
**Insulation Resistance:** $\geq 100 \, \text{M}\Omega$  
**Bounce Time:** $\leq 10 \, \text{ms}$

### 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.
PTS526 Series
Microminiature SMT Top Actuated

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

1.5 ; 1.7 and 2.0 mm height – G leads, no ground pin
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
PTS526 Series
Microminiature SMT Top Actuated

TACTILE SWITCHES

Dimensions are shown: mm
Specifications and dimensions subject to change

0.8 mm height
5,000 pieces per reel

1.5; 1.7 and 2.0 mm height
4,000 pieces per reel