Features/Benefits

- 0.8 & 1.5 mm actuator height
- Ruggedized package in a compact size
- High number of cycles

Typical Applications

- Consumer products
- Instrumentation
- Remote controls

Specimen

FUNCTION: Momentary action
CONTACT ARRANGEMENT: 1 make contact = SPST, N.O.

Electrical

MAXIMUM VOLTAGE: 15 VDC
MAXIMUM CURRENT DC: 20 mA
DIELECTRIC STRENGTH: 250 VA C (1mn)
CONTACT RESISTANCE: ≤ 100 mΩ
INSULATION RESISTANCE: ≥ 100 MΩ
BOUNCE TIME: ≤ 10 ms

Environmental

OPERATING TEMPERATURE: -20°C to 70°C

Process

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

Packaging

Switches in reels of:
5,000 pieces in 0.8 mm height
4,000 pieces in 1.5 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.

How To Order

Please see chart below for full part numbers.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Height (mm)</th>
<th>Leads Shape</th>
<th>Ground Pin</th>
<th>Force</th>
<th>Travel (mm)</th>
<th>Operating Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTS525 SM08 SMTR 2 LFS</td>
<td>0.8</td>
<td>G</td>
<td>No</td>
<td>160 gf ± 50 gf</td>
<td>0.25 ± 0.2</td>
<td>1,000,000</td>
</tr>
<tr>
<td>PTS525 SK08 SMTR 2 LFS</td>
<td>0.8</td>
<td>G</td>
<td>No</td>
<td>260 gf ± 50 gf</td>
<td>0.25 ± 0.2</td>
<td>200,000</td>
</tr>
<tr>
<td>PTS525 SM15 SMTR 2 LFS</td>
<td>1.5</td>
<td>G</td>
<td>No</td>
<td>160 gf ± 50 gf</td>
<td>0.25 ± 0.2</td>
<td>1,000,000</td>
</tr>
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<td>PTS525 SMG15 SMTR 2 LFS</td>
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<td>0.25 ± 0.2</td>
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</tr>
<tr>
<td>PTS525 SMG15J SMTR 2 LFS</td>
<td>1.5</td>
<td>J</td>
<td>Yes</td>
<td>160 gf ± 50 gf</td>
<td>0.25 ± 0.2</td>
<td>1,000,000</td>
</tr>
<tr>
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<td>1.5</td>
<td>J</td>
<td>Yes</td>
<td>260 gf ± 50 gf</td>
<td>0.25 ± 0.2</td>
<td>500,000</td>
</tr>
</tbody>
</table>
PTS 525 Series
Microminiature Tact Switch for SMT

PTS525 SMG15J SMTR2 LFS
PTS525 SKG15J SMTR2 LFS

DIMENSIONS ARE SHOWN: MM

SPECIFICATIONS AND DIMENSIONS SUBJECT TO CHANGE

www.ckswitches.com

Tactile Switches

RECOMMENDED PCB LAYOUT

RECOMMENDED PCB LAYOUT

TAPE & REEL

0.8 mm height
5,000 pieces per reel

SEE DETAIL A

REEL

DETAIL A
SCALE
0.5

COVER TAPE

CARRIER TAPE

NOTE:

Dimensions are shown: mm
Specifications and dimensions subject to change

www.ckswitches.com
PTS 525 Series
Microminiature Tact Switch for SMT

1.5 mm height
4,000 pieces per reel

Dimensions are shown: mm
Specifications and dimensions subject to change