MODEL: SLW-913535-2A-RA-D | DESCRIPTION: SLIDE SWITCH

FEATURES
- through hole
- right angle
- raised slide actuator

SPECIFICATIONS

<table>
<thead>
<tr>
<th>parameter</th>
<th>conditions/description</th>
<th>min</th>
<th>typ</th>
<th>max</th>
<th>units</th>
</tr>
</thead>
<tbody>
<tr>
<td>rated voltage</td>
<td></td>
<td>6</td>
<td>Vdc</td>
<td></td>
<td></td>
</tr>
<tr>
<td>rated current</td>
<td></td>
<td>300</td>
<td>mA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>withstanding voltage</td>
<td>for 1 minute</td>
<td>250</td>
<td>Vac</td>
<td></td>
<td></td>
</tr>
<tr>
<td>contact resistance</td>
<td>measured at 1 kHz at 100 mA or less</td>
<td>100</td>
<td>mΩ</td>
<td></td>
<td></td>
</tr>
<tr>
<td>insulation resistance</td>
<td>at 100 Vdc for 1 minute</td>
<td>100</td>
<td>MΩ</td>
<td></td>
<td></td>
</tr>
<tr>
<td>operating force</td>
<td></td>
<td>100</td>
<td>300</td>
<td>200</td>
<td>gf</td>
</tr>
<tr>
<td>actuator travel</td>
<td></td>
<td>1.8</td>
<td>2</td>
<td>2.2</td>
<td>mm</td>
</tr>
<tr>
<td>operating temperature</td>
<td></td>
<td>-20</td>
<td>85</td>
<td></td>
<td>°C</td>
</tr>
<tr>
<td>storage temperature</td>
<td></td>
<td>-40</td>
<td>90</td>
<td></td>
<td>°C</td>
</tr>
<tr>
<td>life</td>
<td>at uniform rate of 15-18 cycles per minute, no load</td>
<td>10,000</td>
<td></td>
<td>cycles</td>
<td></td>
</tr>
<tr>
<td>vibration</td>
<td>10-55-10 Hz, 1.5 mm amplitude, 2 hours on each XYZ</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>flammability rating</td>
<td>see material table</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RoHS</td>
<td>yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SOLDERABILITY

<table>
<thead>
<tr>
<th>parameter</th>
<th>conditions/description</th>
<th>min</th>
<th>typ</th>
<th>max</th>
<th>units</th>
</tr>
</thead>
<tbody>
<tr>
<td>hand soldering</td>
<td>for max 3 seconds</td>
<td>350</td>
<td>°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>wave soldering</td>
<td>for max 5 seconds</td>
<td>260</td>
<td>°C</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MECHANICAL DRAWING

units: mm
 tolerance: ±0.20 mm
 unless otherwise specified

### MATERIAL

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>PLATING/COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>knob</td>
<td>PA46</td>
<td>black</td>
</tr>
<tr>
<td>frame</td>
<td>SUS</td>
<td>natural</td>
</tr>
<tr>
<td>base</td>
<td>PABT</td>
<td>black</td>
</tr>
<tr>
<td>terminal</td>
<td>phosphorus copper</td>
<td>silver</td>
</tr>
<tr>
<td>contact clip</td>
<td>beryllium bronze</td>
<td>silver</td>
</tr>
</tbody>
</table>

Recommended PCB Layout

Top View

Schematic

SPDT (NON-SHORTING)

2.5  2.5

Δ 0.2

Additional Resources: [Product Page](#)
### REVISION HISTORY

<table>
<thead>
<tr>
<th>rev.</th>
<th>description</th>
<th>date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>initial release</td>
<td>07/07/2023</td>
</tr>
</tbody>
</table>

The revision history provided is for informational purposes only and is believed to be accurate.