Waterproof Small Type Tactile Switch
STU Series

FEATURES

1. IP68 water resistance and dust resistance.
2. Actuator on the center of spring prevents deterioration of operating feel due to misalignment between switch and knob.
3. Sharp click feel and long operating life.

APPLICATIONS

1. Small electrical devices such as Mobile phones, Smart phones, Wearable devices.
2. The equipment to use in outdoor, use in dusty place.

MODEL NAME CODE

STU - 053 A 16 XX

- Operating Force: 16(1.6N), 23(2.25N)
- Actuator Type: 053(0.53mm), 0.57(0.57mm)
- Height: 0.53mm, 0.57mm
- Waterproof Small Type Tactile Switch
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Rating (Resistive load)</th>
<th>Contact Resistance</th>
<th>Life</th>
<th>Water Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical Characteristics</td>
<td>DC15V, 20mA (maximum)</td>
<td>DC2V, 10µA (minimum)</td>
<td>500mΩ or less</td>
<td>STU-053A16XX 300,000 times</td>
</tr>
<tr>
<td></td>
<td>DC2V, 20mA (maximum)</td>
<td></td>
<td></td>
<td>STU-057A23XX 500,000 times</td>
</tr>
<tr>
<td>Contact Resistance</td>
<td>500mΩ or less</td>
<td></td>
<td></td>
<td>IP68</td>
</tr>
</tbody>
</table>

### TYPE

<table>
<thead>
<tr>
<th>Model Name Code</th>
<th>Model Name</th>
<th>Operating Force</th>
<th>Pcs/Reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>STU-053A16XX</td>
<td>R66 7963</td>
<td>1.6N</td>
<td>20,000</td>
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<tr>
<td>STU-057A23XX</td>
<td>R66 7966</td>
<td>2.25N</td>
<td>20,000</td>
</tr>
</tbody>
</table>

### DIMENSIONS

- **Without COVER FILM**
  - Thickness: 80µm
  - Reference land dimension
  - The thickness of solder stencil: 80µm

Unit: mm