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

S T U - 053 A 16 AX

Operating Force
16(1.6N), 23(2.25N)

Actuator Type

Height
053(0.53mm), 0.57(0.57mm)

Waterproof Small Type

Tactile

Switch

• Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
• The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Electrical Characteristics</th>
<th>Rating (Resistive load)</th>
<th>Contact Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DC15V, 20mA (maximum)</td>
<td>500mΩ or less</td>
</tr>
<tr>
<td></td>
<td>DC2V, 10μA (minimum)</td>
<td></td>
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</tbody>
</table>

| Life                        | STU-053A16AX            | 300,000 times      |
|                            | STU-057A23AX            | 500,000 times      |

<table>
<thead>
<tr>
<th>Water Resistance</th>
<th>Protective resistance</th>
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<tbody>
<tr>
<td></td>
<td>IP68</td>
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</tbody>
</table>

### TYPE

<table>
<thead>
<tr>
<th>Model Name Code</th>
<th>Model Name</th>
<th>Operating Force</th>
<th>Pcs/Reel</th>
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</thead>
<tbody>
<tr>
<td>STU-053A16AX</td>
<td>R66 7963</td>
<td>1.6N</td>
<td>20,000</td>
</tr>
<tr>
<td>STU-057A23AX</td>
<td>R66 7966</td>
<td>2.25N</td>
<td>20,000</td>
</tr>
</tbody>
</table>

### DIMENSIONS

- **Reference land dimension**
  - The thickness of solder stencil : 80μm

- **Circuit diagram**
  - No pattern
  - No silk

- **Unit**: mm

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