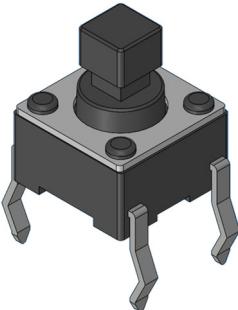


# PRODUCT SPECIFICATION

Part Number	SWT0325	Rev	A	Date	22/07/25
Product Description	Tactile Switch, 6.0 X 6.0mm, Top Actuated, Through Hole, SPST – NO			Page	1
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				Approved	PH



## Features

Outline: 6.0 X 6.0mm  
 Profile Height: 7.3mm  
 Actuated Orientation: Top Actuated  
 Lead Type: Through Hole

## Specification:

### Material

Housing: PA9T, Black.  
 Button: PA9T, Black.  
 Terminal: Brass.  
 Contact: Stainless Steel.  
 Cover: Stainless Steel.

### Electrical

Voltage Rating: 12V DC.  
 Current Rating: 50mA  
 Contact Resistance: 100mΩ Max.  
 Dielectric Withstanding Voltage: 250V AC.  
 Insulation Resistance: 100MΩ Min.

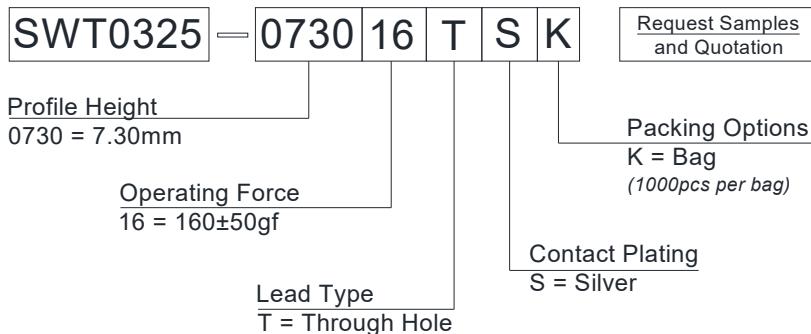
### Mechanical & Environmental

### Plating

Terminal: Silver Plated  
 Contact: Silver Plated

Operating Temperature: -25C to +85°C  
 Operating Force: 160±50gf.  
 Travel: 0.25±0.10mm  
 Durability: 100,000 cycles

## Ordering Grid:

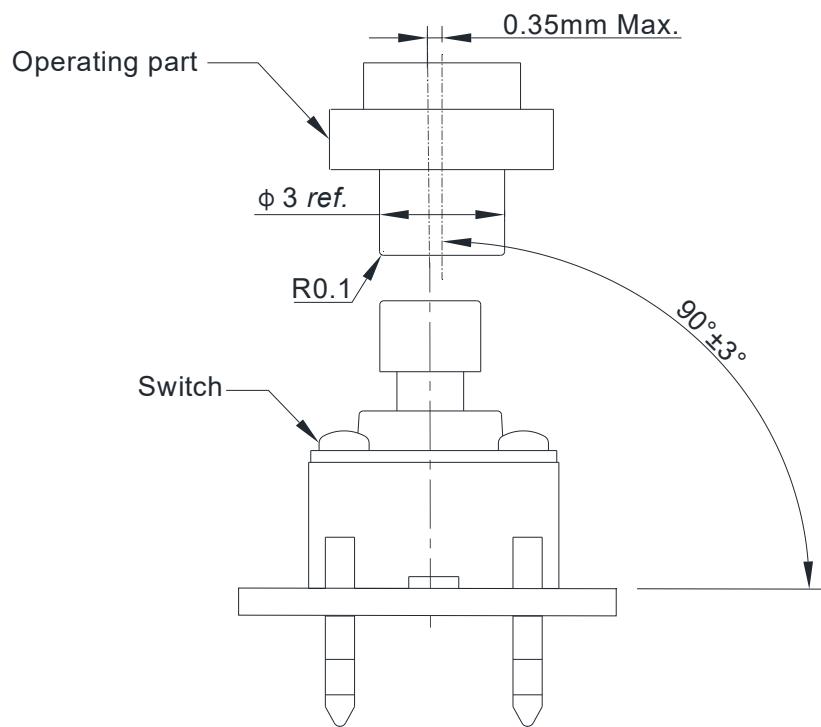


# PRODUCT SPECIFICATION

Part Number	SWT0325	Rev	A	Date	22/07/25
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## Precaution for Operating:

1. Deviation of operating part from the centre axis of the switch shall be within 0.35mm.
2. Allowable operating angle:  $90^\circ \pm 3^\circ$  degrees.
3. Do not overload and shock the switch.
4. Avoid pressing on the button with sharp objects.
5. Cleaning after product soldering is not allowed.
6. Avoid switching on for a long time.



## Recommended Operating Conditions

## Precaution for Handling and Storage:

1. Products are sealed in plastic bag with desiccant.
2. Recommended storage conditions: -20 to +50°C, 20% to 85% humidity.
3. Avoid exposing to corrosive gas, direct sunlight.
4. After the packaging is opened, use the products as quickly as possible.
5. Products that have not been used up must be sealed in plastic bag with desiccant.

# PRODUCT SPECIFICATION

<b>Part Number</b>	SWT0325	<b>Rev</b>	A	<b>Date</b>	22/07/25
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<b>Doc Number</b>	SWT0325	Prepared	KY	Checked	CC

## Revision details:

Revision	Information	Page	Release Date
0.1	First draft	-	17/06/2025
0.2	Update 3D view	1	02/07/2025
0.3	Remove co-planarity and soldering profile	1&2	17/07/2025
A	First Release	-	22/07/2025

