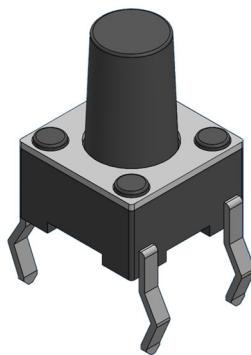


PRODUCT SPECIFICATION

Part Number	SWT0320	Rev	A	Date	22/07/25
Product Description	Tactile Switch, 6.0 X 6.0mm, Top Actuated, Through Hole, SPST – NO			Page	1
Doc Number	SWT0320	Prepared	KY	Checked	CC
				Approved	PH



Features

Outline: 6.0 X 6.0mm

Profile Height: See ordering Grid.

Actuated Orientation: Top Actuated

Lead Type: Through Hole

Circuit: SPST – NO

Specification:

Material

Housing: PA9T, Black.

Button: PA9T, Black.

Terminal: Brass.

Contact: Stainless Steel.

Cover: Brass.

Plating

Terminal: Silver Plated

Contact: Silver Plated

Cover: Tin Plated

Electrical

Voltage Rating: 12V DC.

Current Rating: 50mA

Contact Resistance: 100mΩ Max.

Dielectric Withstanding Voltage: 250V AC.

Insulation Resistance: 100MΩ Min.

Mechanical & Environmental

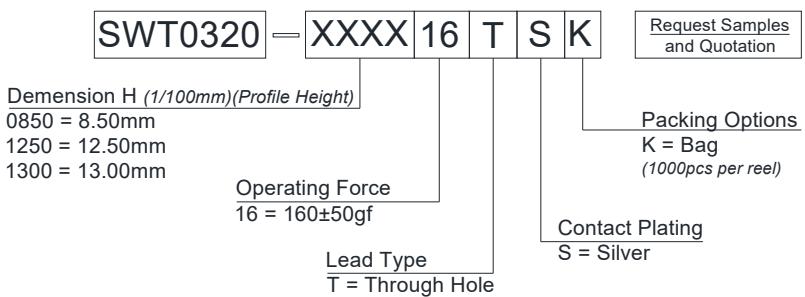
Operating Temperature: -25C to +85°C

Operating Force: 160±50gf.

Travel: 0.25±0.10mm

Durability: 100,000 cycles

Ordering Grid:

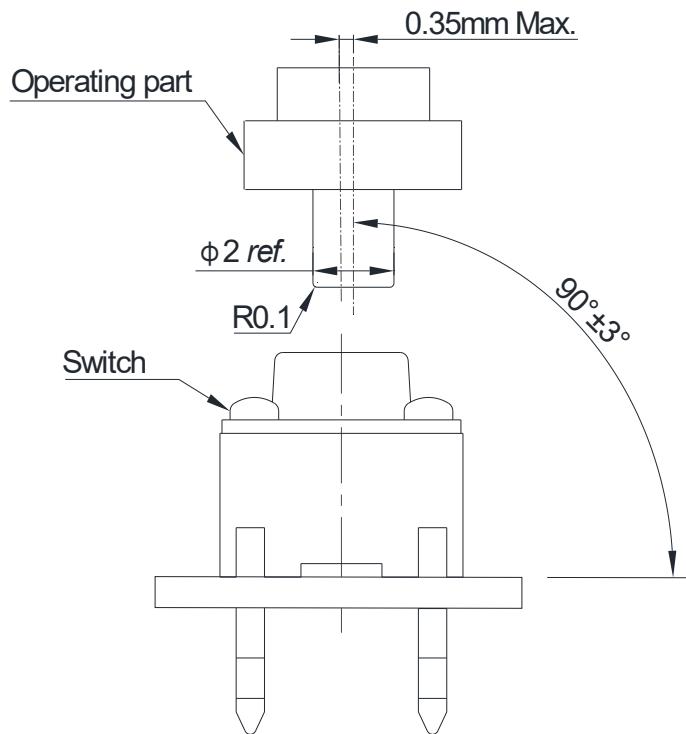


PRODUCT SPECIFICATION

Part Number	SWT0320	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

Part Number	SWT0320	Rev	A	Date	22/07/25
Product Description	Tactile Switch, 6.0 X 6.0mm, Top Actuated, Through Hole, SPST – NO			Page	3
Doc Number	SWT0320	Prepared	KY	Checked	CC

Revision details:

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

