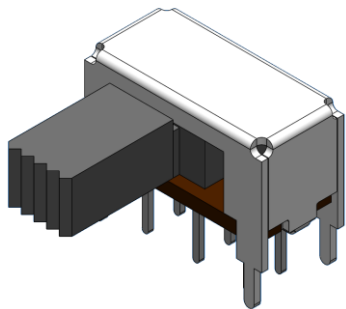


PRODUCT SPECIFICATION

Part Number	SWS050			Rev	A		Date	20/01/26
Product Description	Slide Switch, Right Angle, 4.0mm Travel, Through Hole, DPDT, H=8.5mm						Page	1
Doc Number	SWS050	Prepared	KY	Checked	YR	Approved	PH	



Features:

- Profile Height: 8.5mm
- Actuator Length: 9.0mm
- Product Orientation: Right Angle
- Lead Type: Through Hole

Specification:

Material

- Actuator: POM, Black, UL94 HB
- Base Plate: Phenolic Resin, Natural
- Terminal: Brass
- Contact: Phosphor Bronze
- Shell: Stainless Steel
- Spring: Stainless Steel
- Steel Ball: Stainless Steel

Plating

- Terminal: Silver
- Contact: Silver
- Shell: Nickel
- Spring: Clear
- Steel Ball: Clear

Electrical

- Voltage Rating: 50V DC
- Current Rating: 0.3A
- Contact Resistance: 100mΩ Max.
- Dielectric Withstanding Voltage: 500V AC
- Insulation Resistance: 100MΩ Min.

Mechanical & Environmental

- Operating Temperature: -25°C to +85°C
- Operating Force: 250±100gf
- Travel: 4.0±0.3mm
- Durability: 10,000 cycles

Ordering Grid:

SWS050	—	090	R	22	T	S	K	Request Samples and Quotation
Actuator Length 090 = 9.0mm		Product Orientation R = Right Angle		Switch Circuit 22 = 2 Pole, 2 Throw (DPDT)		Packing Options K = Bag (500pcs per bag)		
						Contact Plating S = Silver		
						Lead Type T = Through Hole		

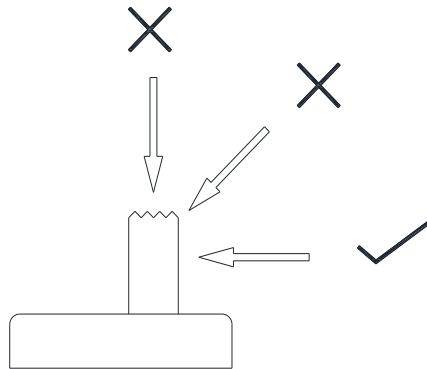


PRODUCT SPECIFICATION

Part Number	SWS050			Rev	A		Date	20/01/26
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Precautions for Operating:

1. Apply operating force within the range of rated value.
2. Do not apply excessive operating force to the switch.
3. Apply operating load from the side of the actuator.
4. Do not apply a load from an angle or from above the actuator.
5. Ensure the actuator is set fully to either ON or OFF position when soldering.



Recommended Operating Conditions

Precautions for Handling and Storage:

1. Products are vacuum sealed in plastic bag with desiccant.
2. Recommended storage conditions: -20 to +50°C, 20% to 85% humidity.
3. Avoid exposure to corrosive gases or 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	SWS050			Rev	A		Date	20/01/26
Product Description	Slide Switch, Right Angle, 4.0mm Travel, Through Hole, DPDT, H=8.5mm					Page	3	
Doc Number	SWS050	Prepared	KY	Checked	YR	Approved	PH	

Revision details:

Revision	Information	Page	Release Date
0.1	First draft	-	29/09/2025
A	First Release	-	20/01/2026