

Features

- Ultra small size (2.5×1.6mm)
- Good feel with the actuator
- High reliability with a small, thin and dustproof design
- IP68 dust / water resistance



Applications

- Smartphones
- Digital cameras
- Gaming devices
- Wearables
- Other electronic devices - consumer, medical, commercial

Part Number Code

Series	Height	Actuator Type	Operating Force	Ablation Terminal	
<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> </div> <p>STI</p>	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> </div> <p>055 (0.55mm)</p>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div> <p>A</p>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div> <p>12 (1.2N) 16 (1.6N) 24 (2.4N)</p>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div> <p>A (IP68)</p>	X

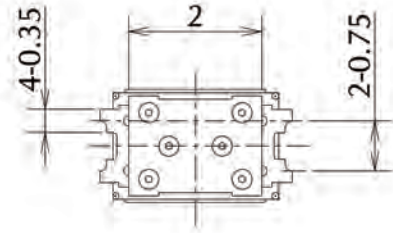
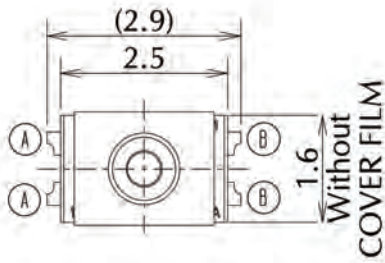
Specifications

Switch Type	SPST	Tactile
Electrical Characteristics	Rating (Resistive Load)	DC15V, 20mA
	Contact Resistance	1Ω or less
	Insulation Resistance	10MΩ or more
	Withstand Voltage	1 minute at AC 100V
Life	STI-055A12AX	500,000 times
	STI-055A16AX	500,000 times
	STI-055A24AX	200,000 times
Dust / Water Resistance	Protective Resistance	IP68 (1.5m depth x 30 min.)

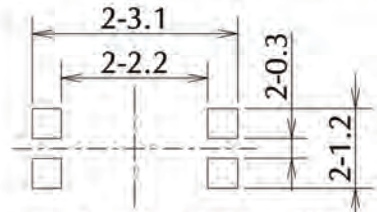
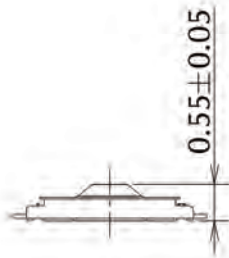
Type

Model Name	Model No.	Operating Force	Travel	Click Ratio	Boss	Pcs/Reel
STI-055A12AX	R 668048	1.2N	0.11mm	≥ 40%	Without	25,000
STI-055A16AX	R 668049	1.6N	0.11mm	≥ 40%	Without	25,000
STI-055A24AX	R 668050	2.4N	0.11mm	≥ 40%	Without	25,000

Dimensions



Reference solder stencil dimension



The thickness of solder stencil: 100 μm

Circuit diagram



Reference land dimension

