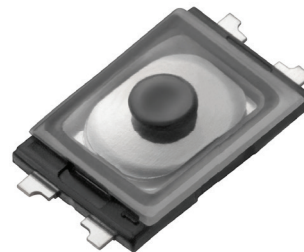


FEATURES

- 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	
STI	055 (0.55mm)	A	12 (1.2N) 16 (1.6N) 24 (2.4N)	A (IP68)	☒

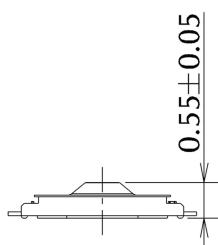
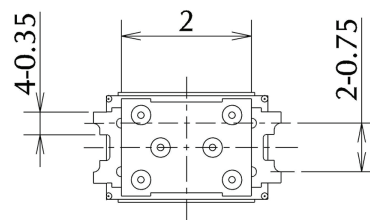
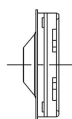
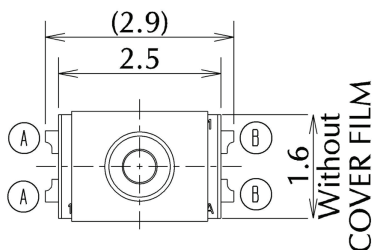
SPECIFICATIONS

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.)

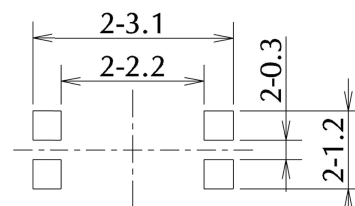
TYPE

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

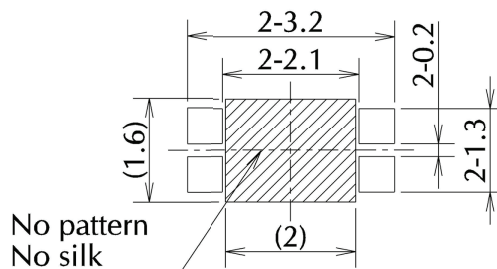


Reference solder stencil dimension

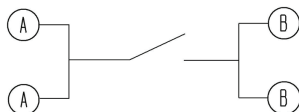


The thickness of solder stencil: 100 μm

Reference land dimension



Circuit diagram



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[MinebeaMitsumi:](#)

[STI-055A12AX](#) [STI-055A16AX](#) [STI-055A24AX](#)