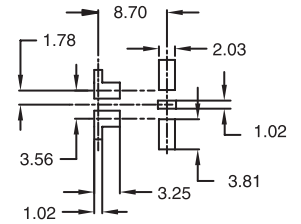
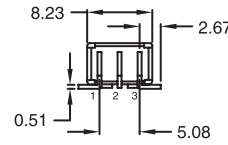
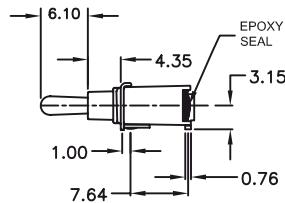
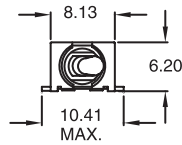


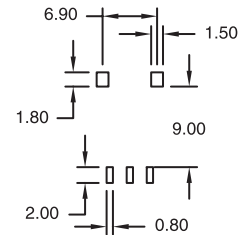
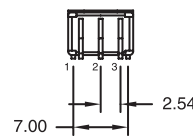
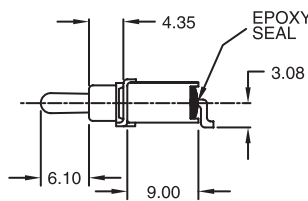
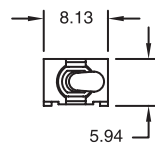
Toggle Switches

Sub-Miniature Sealed SMT Toggle Switches

ST Series

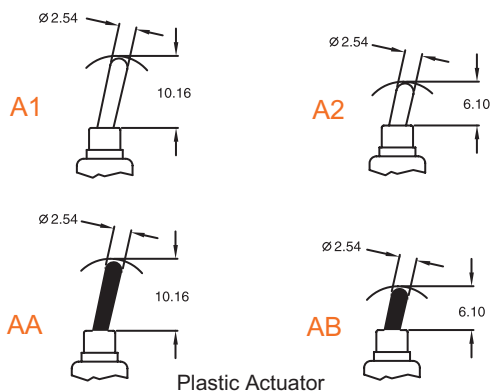


STS1A2B1MT_E



STS1ABB1MZ_E

ACTUATOR OPTIONS



Plastic Actuator

SWITCH FUNCTION

No. Poles	Model No.	Switch Function			Connected Terminals / Schematic		
		Position 1	Position 2	Position 3	Position 1	Position 2	Position 3
SP	STS1	ON	NONE	ON			
SP	STS2	ON	NONE	MOM	2-3		2-1
SP	STS3	ON	OFF	ON		OPEN	
SP	STS4	MOM	OFF	MOM	1-3 (2(COMM))		1-3 (2(COMM))
SP	STS5	ON	OFF	MOM			

How to order:



1 POLES & SWITCH FUNCTION:

- S1 SP ON-NONE-ON
- S2 SP ON-NONE-MOM
- S3 SP ON-OFF-ON
- S4 SP MOM-OFF-MOM
- S5 SP ON-OFF-MOM

2 ACTUATOR:

- A1 Height = 10.16 mm
- A2 Height = 6.10 mm
- A4 Height = 13.97 mm
- AA Height = 10.16 mm, plastic, anti-static
- AB Height = 6.10 mm, plastic, anti-static

3 BUSHING:

- B1 Height = 4.35 mm (Standard)

4 TERMINALS:

- MT Right Angle Surface Mount Type 1
- MZ Right Angle Surface Mount Type 2

5 CONTACT MATERIAL:

- AG Gold flash over Silver
- AU Gold
- UG Gold over Silver

6 SEAL:

- E Epoxy (Standard)

7 COMPLIANCE:

- R RoHS Compliant (Standard)
- V RoHS Compliant & Lead Free
- H RoHS Compliant & Halogen Free

General Specifications:

MATERIALS

- » Case & Bushing: Glass filled Nylon 46, flame retardent, heat stabilized
- » Actuator: Chrome plated Brass or antistatic plastic, internal o-ring sealed
- » Switch Support: Brass, tin plated
- » Contact/Terminals: Copper Alloy, with Silver or gold plated

MECHANICAL

- » Operating Temperature: -30°C to +85°C
- » Mechanical Life: 30,000 cycles
- » Degree of Protection: IP67

ELECTRICAL

- » Contact Rating (depending on contact material):
AG, GT, UG & UGT: 3A120VAC/28VDC; 1A250VAC
AU & UT: 0.4VA max. 20V max. (AC/DC)
- » Contact Resistance: 20mΩ max. initial @ 2-4VDC 100mA for silver & gold plated contacts
- » Insulation Resistance: 1,000M Ω min.
- » Dielectric Strength: 1,000V RMS@sea level