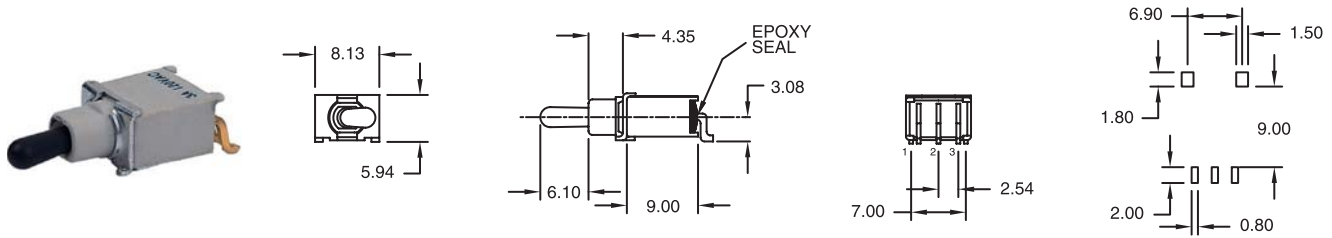
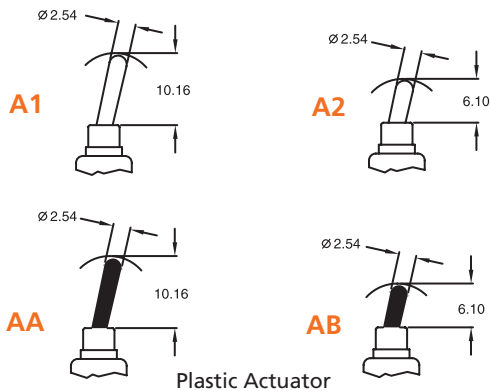


STS1A2B1MT_E



STS1ABB1MZ_E

ACTUATOR OPTIONS



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 | OPEN | 2-1 |
| SP | STS3 | ON | OFF | ON | | | |
| SP | STS4 | MOM | OFF | MOM | 1 • 2(COMM) 3 | | 1 • 2(COMM) 3 |
| 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 Silver
- AU Gold
- UT Gold, Pure Tin
- GT Silver, Pure Tin
- UG Gold over Silver
- UGT Gold over Silver, Pure Tin

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 retardant, 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: 1,000MΩ min.
- » Dielectric Strength: 1,000V RMS@sea level