



RoHS Compliant

Specifications

| | |
|--------------------|--------------------------|
| Electrical Ratings | 0.4VA @ 20VAC or VDC max |
| Electrical Life | 40,000 cycles typical |
| Contact Resistance | <100mΩ max initial |
| Actuation Force | 200 ± 50gF |

| | |
|-----------------------|------------------------------|
| Dielectric Strength | 500Vrms min between contacts |
| Insulation Resistance | >500MΩ min @ 250VDC |
| Operating Temperature | -20°C to 85°C |
| Storage Temperature | -20°C to 85°C |
| Sealing Degree | IP67 |

Materials

| | |
|-----------|--|
| Actuator | Polybutylene Terephthalate (PBT) |
| Housing | 6/6 Nylon, Glass Filled, Flame Retardant, Heat Stabilized, UL94V-0 |
| Seal | Silicone Rubber |
| Bracket | Steel, Tin Plated |
| Contacts | Copper Alloy, Gold over Nickel Plated |
| Terminals | Copper Alloy, Gold over Nickel Plated |

Ordering Information

| | | | | | | | |
|---|-----|---|---|----|---|---|---|
| 1. Series | SMS | 1 | 1 | S1 | 4 | C | R |
| SMS | | | | | | | |
| 2. Number of Poles 1 = Single Pole 2 = Double Pole | | | | | | | |
| 3. Switch Function 1 = ON-NONE-ON 3 = ON-OFF-ON | | | | | | | |
| 4. Actuator Height S1 = 2.80mm | | | | | | | |
| 5. Actuator Color 4 = Yellow (standard) *Contact factory for other actuator color options | | | | | | | |
| 6. Terminals C = PC Pin H = Horizontal mount, right angle PC Pin | | | | | | | |
| 7. Contact Material R = Gold Plated | | | | | | | |

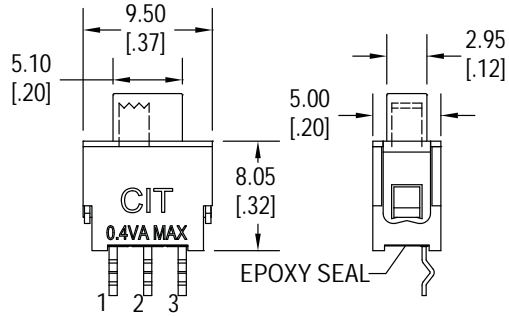
Switch Function



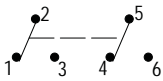
SPDT



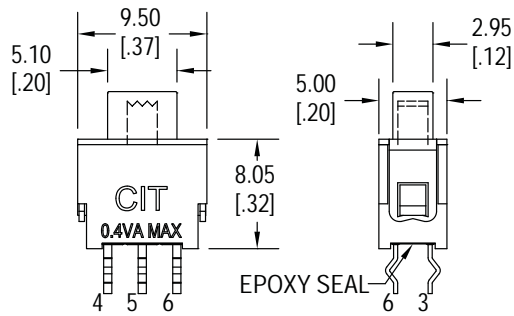
| FUNCTION | TOGGLE POSITION | | |
|-----------|-----------------|------|-----|
| | | | |
| 1 | ON | NONE | ON |
| 3 | ON | OFF | ON |
| TERMINALS | 2-3 | N/A | 2-1 |



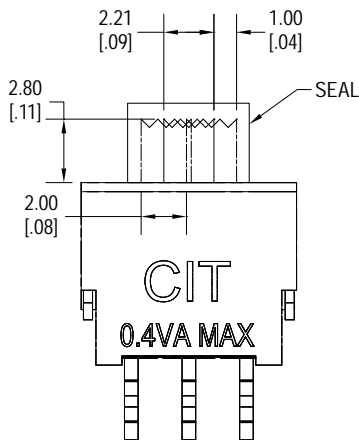
DPDT



| FUNCTION | TOGGLE POSITION | | |
|-----------|-----------------|------|------------|
| | | | |
| 1 | ON | NONE | ON |
| 3 | ON | OFF | ON |
| TERMINALS | 2-3 5-6 | N/A | 2-1 5-4 |

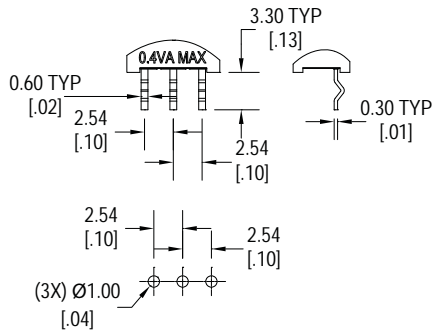


Actuator Options

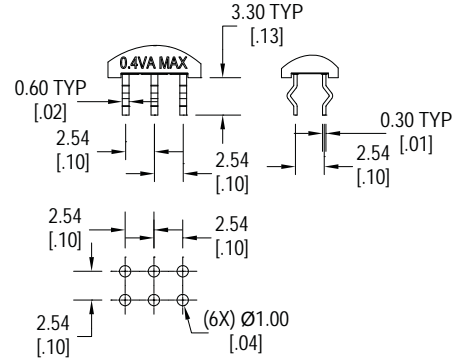


S1

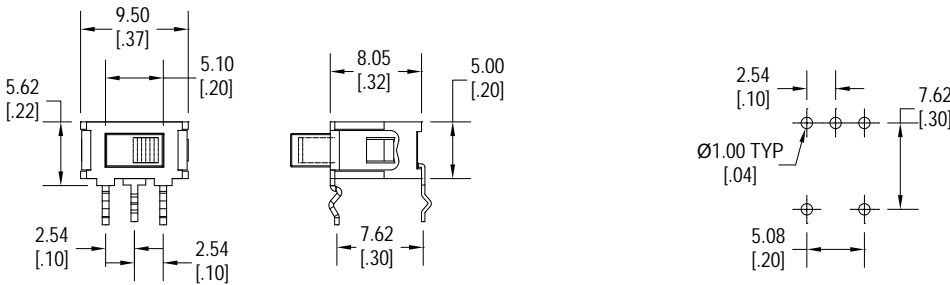
Terminal Options



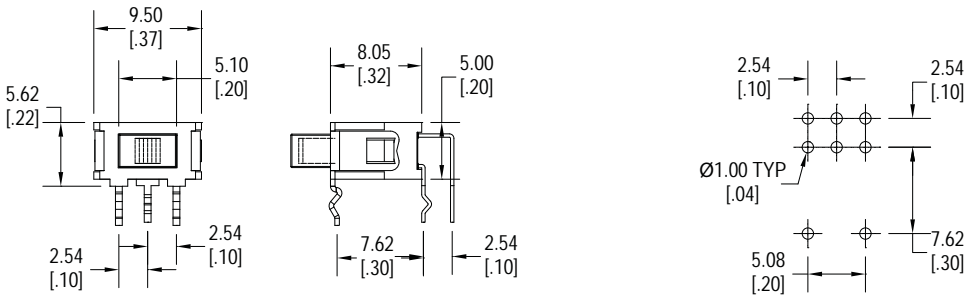
C Single Pole



C Double Pole



H = Horizontal Mount, Right Angle PC Pins, Single Pole



H = Horizontal Mount, Right Angle PC Pins, Double Pole