

Sealed Sub-Miniature Slide

Specifications

Electrical Ratings	0.4VA @ 20VAC or VDC max	Dielectric Strength	500Vrms min between contacts
Electrical Life	40,000 cycles typical	Insulation Resistance	>500MΩ min @ 250VDC
Contact Resistance	<100mΩ max initial	Operating Temperature	-20°C to 85°C
Actuation Force	200 ± 50gF	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							

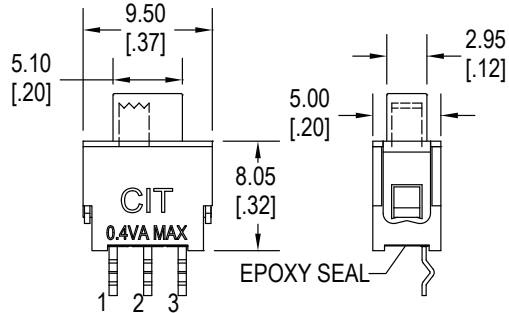
Switch Function



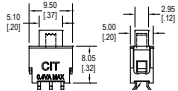
SPDT



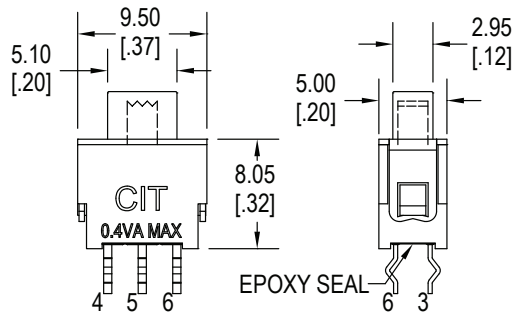
FUNCTION	TOGGLE POSITION		
1	ON	NONE	ON
3	ON	OFF	ON
TERMINALS	2-3	N/A	2-1



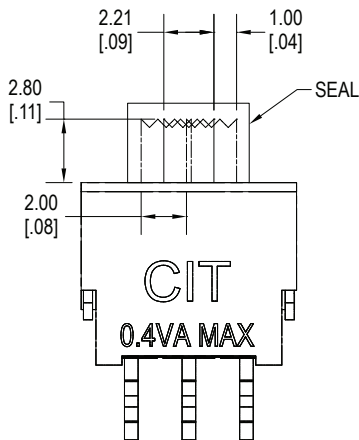
DPDT



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

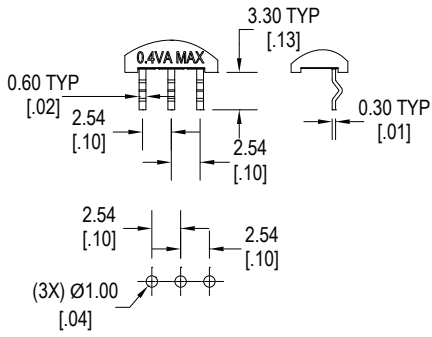


Actuator Options

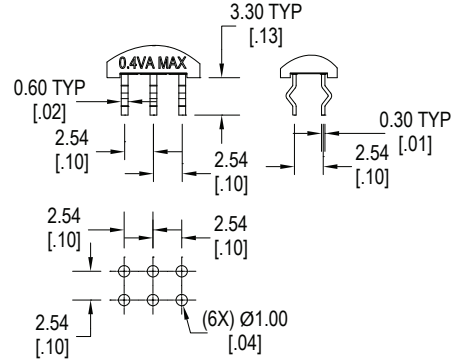


S1

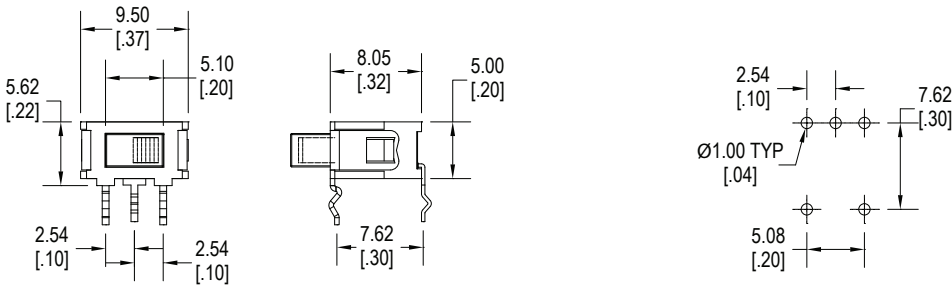
Terminal Options



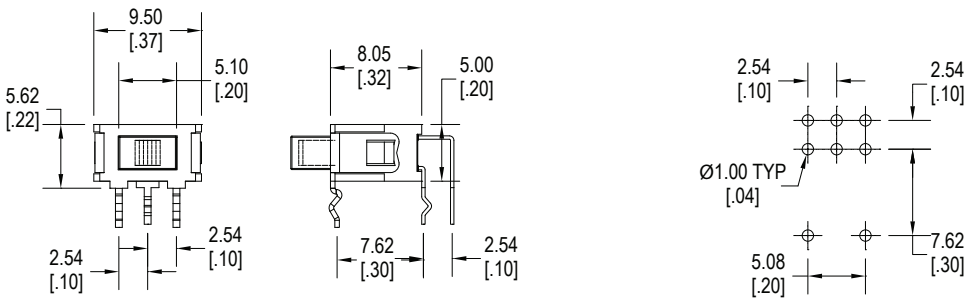
C Single Pole



C Double Pole



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



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