

Miniature Slide

## Features

Electrical Ratings	5A @ 120VAC, 28VDC; 2A @ 250VAC see contact options	Dielectric Strength	1500Vrms min
Electrical Life	30,000 cycles typical	Insulation Resistance	>100MΩ min
Contact Resistance	<10mΩ max initial @ 2-4VDC, 100mA	Operating Temperature	-40°C to 85°C
		Storage Temperature	-40°C to 85°C

## Materials

Actuator	6/6 Nylon
Housing	Diallyl Phthalate (DAP)
Cover	Stainless Steel
Contacts	Copper Alloy, Silver or Gold Plated
Terminals	Brass, Silver or Gold Plated

## Ordering Information

1. Series	1	2	03	A1	B	C	E	B
2. Number of Poles								
3. Switch Function								
4. Actuator								
5. Terminals								
6. Contacts								
7. Epoxy Seal								
8. Mounting Style								

1 = SPDT  
2 = DPDT

01 = ON-NONE-ON  
02 = ON-NONE-(ON) \*\*Not available in DPDT  
03 = ON-OFF-ON

A1 = 5.08mm  
A2 = 7.24mm  
A3 = 9.40mm  
A4 = 3.60mm  
D1 = 5.08mm \*\*Only available with DPDT

B = Solder Lug  
C = PC Pin  
D = Quick Connect  
H = Horizontal Mount, Right Angle PC Pin  
V = Vertical Mount, Right Angle PC Pin  
S20 = PC Pin with Support Bracket

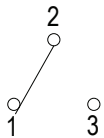
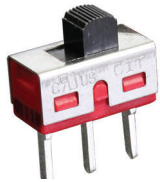
Q = Silver Plated  
R = Gold Plated  
G = Gold over Silver Plated

E = Epoxy Seal

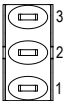
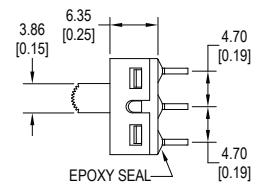
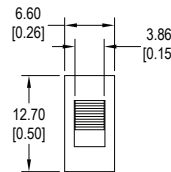
A = No Mounting Ears  
B = With Mounting Ears

## Switch Function

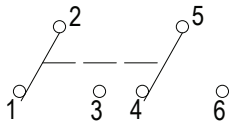
### SPDT



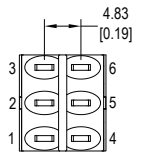
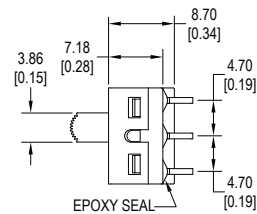
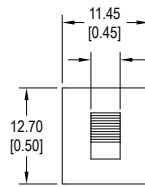
Function	Toggle Position		
1	ON	NONE	ON
2	ON	NONE	(ON)
3	ON	OFF	ON
Terminals	2-3	n/a	2-1



### DPDT



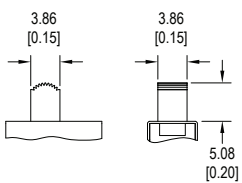
Function	Toggle Position		
1	ON	NONE	ON
2	ON	NONE	(ON)
3	ON	OFF	ON
Terminals	2-3 5-6	n/a	2-1 5-4



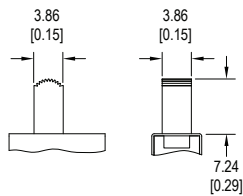
## Actuator Options

\*\*Actuator lengths shown with B, C, D or S20 terminals, subtract 0.36mm for H or V terminals

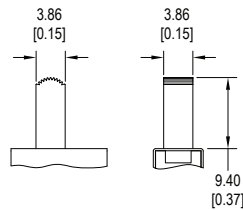
### A1



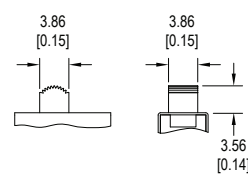
### A2



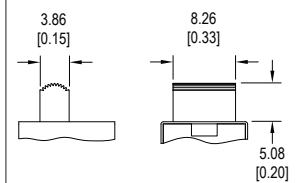
### A3



### A4

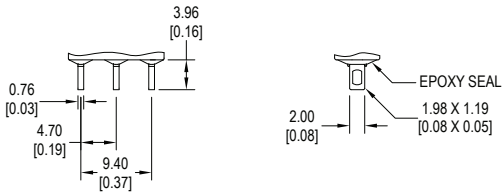


### D1

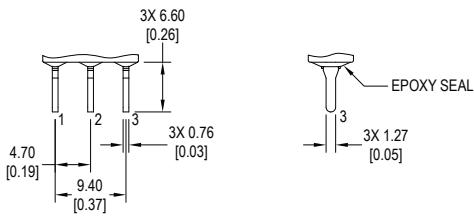


## Terminal Options

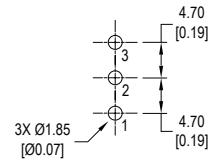
### B, solder lug



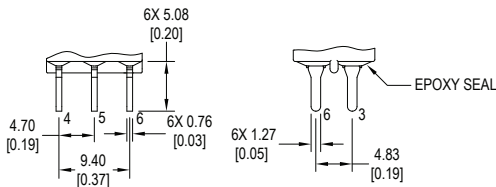
### C, PC pin, single pole



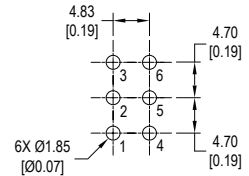
### PCB Mounting



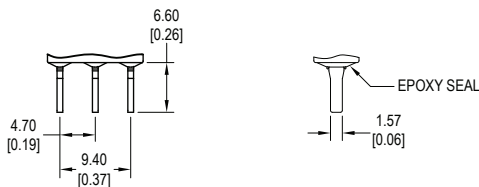
### C, PC pin, double pole



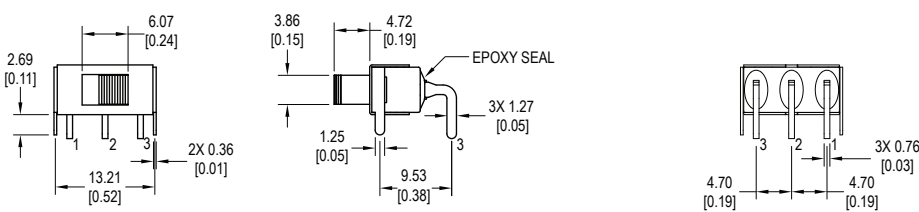
### PCB Mounting



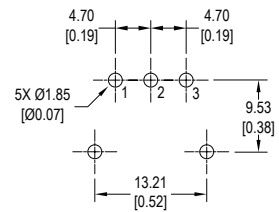
### D, quick connect



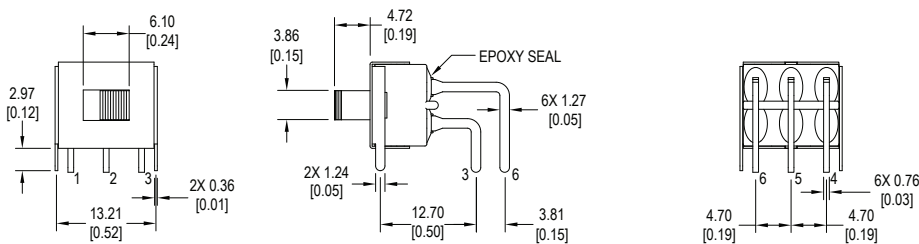
### H, horizontal mount, right angle PC pins, single pole



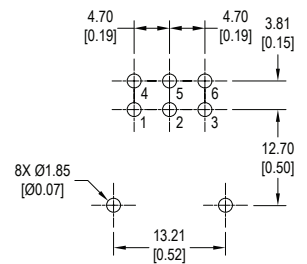
### PCB Mounting



### H, horizontal mount, right angle PC pins, double pole

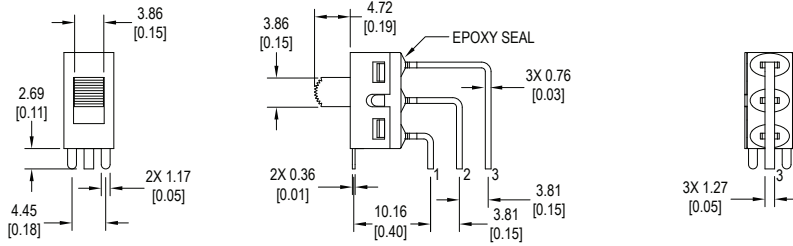


### PCB Mounting

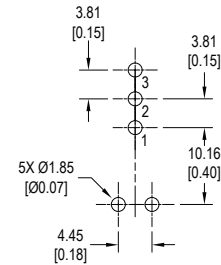


## Terminal Options

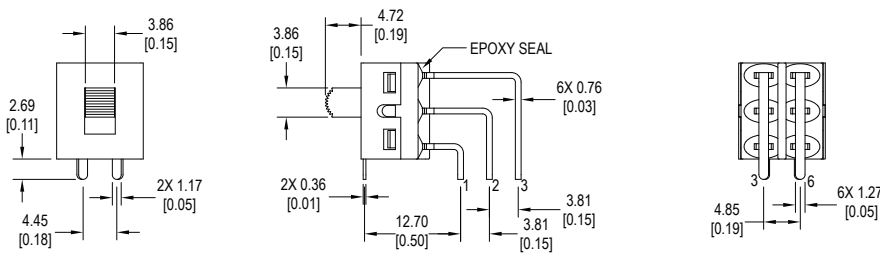
V, vertical mount, right angle PC pins, single pole



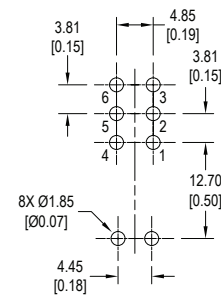
PCB Mounting



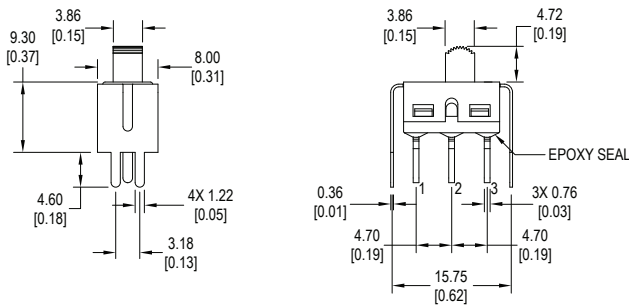
V, vertical mount, right angle PC pins, double pole



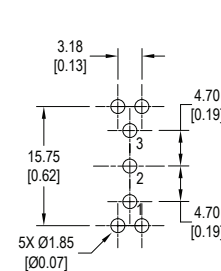
PCB Mounting



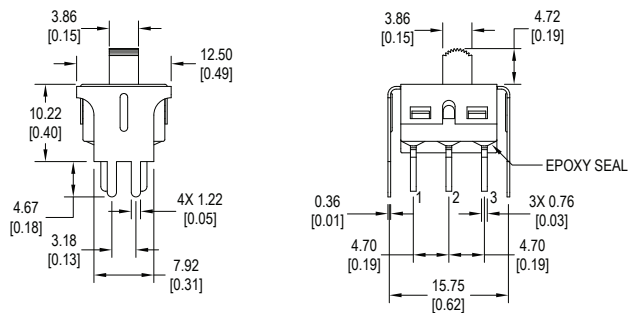
S20, PC Pins with support bracket, single pole



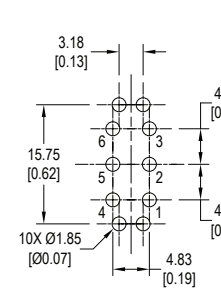
PCB Mounting



S20, PC Pins with support bracket, double pole



PCB Mounting



## Features

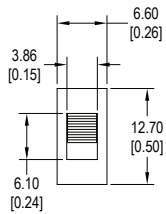
### Contact Options

Designator	Contact Material	Terminal Material	Electrical Rating
Q	Silver Plating	Silver Plating	5A @ 120VAC, 28VDC; 2A @ 250VAC
R	Gold over Nickel Plating	Gold over Nickel Plating	.4VA max @ 20VAC or VDC max
G	Gold over Silver Plating	Gold over Silver Plating	.4VA max @ 20VAC or VAC MAX or 5A @ 120VAC, 28VDC; 2A @ 250VAC

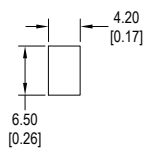
### Mounting Options

#### A, no mounting ears

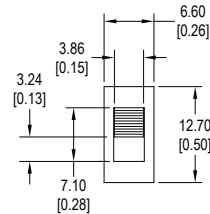
For A1, A2, A3 & A4  
Switch Functions 1 & 2



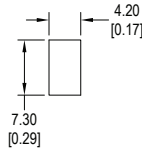
Suggested Panel Cutout



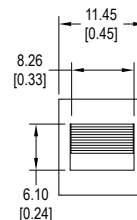
For A1, A2, A3 & A4  
Switch Function 3



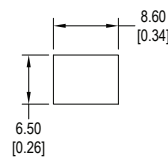
Suggested Panel Cutout



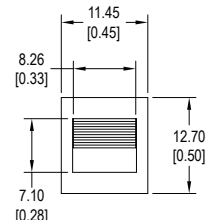
For D1  
Switch Function 1



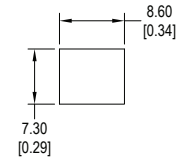
Suggested Panel Cutout



For D1  
Switch Function 3

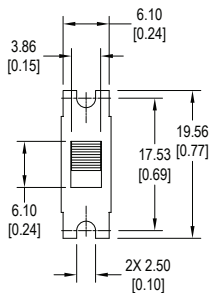


Suggested Panel Cutout

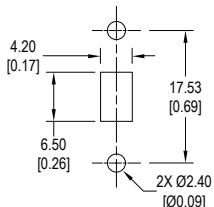


#### B, with mounting ears

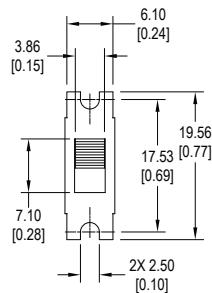
For A1, A2, A3 & A4  
Switch Functions 1 & 2



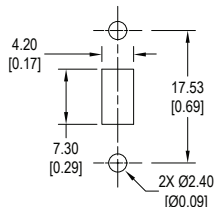
Suggested Panel Cutout



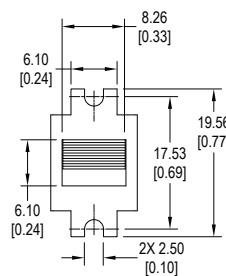
For A1, A2, A3 & A4  
Switch Function 3



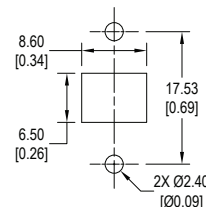
Suggested Panel Cutout



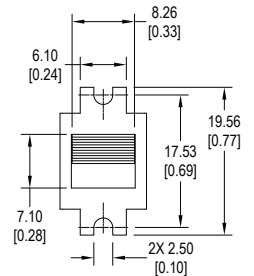
For D1  
Switch Function 1



Suggested Panel Cutout



For D1  
Switch Function 3



Suggested Panel Cutout

