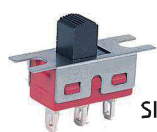


# Slide Switches

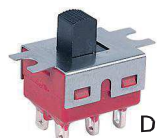
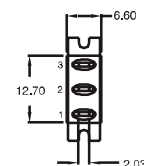
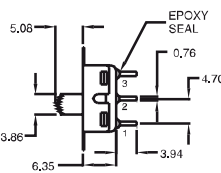
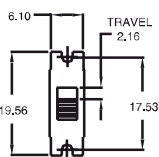
## Miniature Slide Switches

## SB5 Series



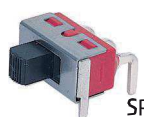
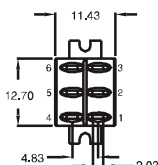
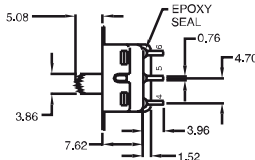
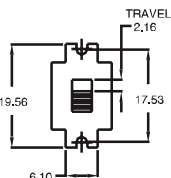
SPDT

SB5S1A1A1T1\_\_



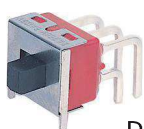
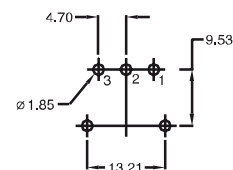
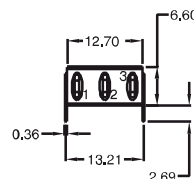
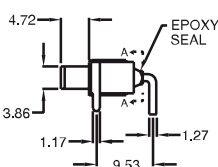
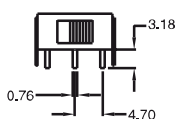
DPDT

SB5D1A1A1T1\_\_



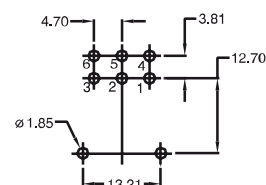
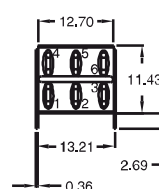
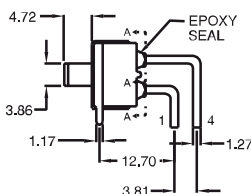
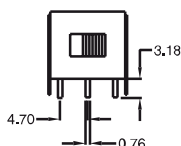
SPDT

SB5S1A1A0T6\_\_



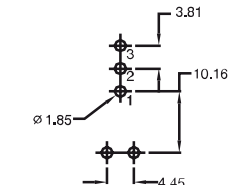
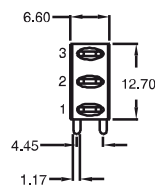
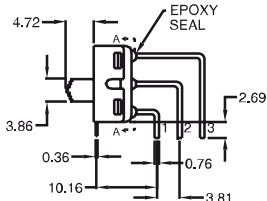
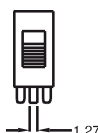
DPDT

SB5D1A1A0T6\_\_



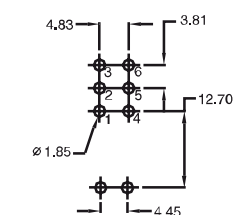
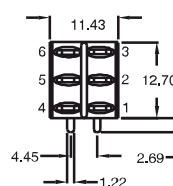
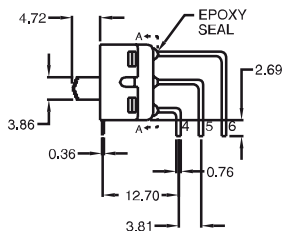
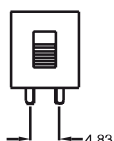
SPDT

SB5S1A1A0T7\_\_



DPDT

SB5D1A1A0T7\_\_



### How to order:

SB5

- 1 SWITCHING & POLES:**  
 S1 SP ON-NONE-ON  
 S2 SP ON-NONE-MOM  
 S3 SP ON-OFF-ON  
 D1 DP ON-NONE-ON  
 D2 DP ON-OFF-ON

- 2 ACTUATOR:**  
 A0 1.30mm high (not for S3)  
 A1 5.08mm high (Std.)  
 A2 7.24mm high  
 A3 9.40mm high  
 A4 3.56mm high  
 A5 5.08mm high wide (only for DP)  
 A7 12.32mm high

- 3 ACTUATOR COLOR:**  
 A Black  
 (Other colors please contact us)

- 4 MOUNTING EARS:**  
 0 No Mounting Ears  
 1 With Mounting Ears

- 5 TERMINALS:**  
 T1 Solder Lug  
 T2 PC Thru-Hole  
 T3 Quick Connect  
 T52 24.20mm high, Wire Wrap  
 T54 26.97mm high, Wire Wrap  
 T6 Right Angle PC Thru-Hole  
 T7 Vertical Right Angle PC Thru-Hole  
 VS2 V-Bracket (not with A5 Actuator)

- 6 CONTACT MATERIAL:**  
 AG Silver  
 AU Gold  
 UT Gold, tin-lead  
 GT Silver, tin-lead  
 UG Gold over silver  
 UGT Gold over silver, tin-lead

- 7 SEAL:**  
 E Epoxy (Standard)

- 8 ROHS & LEAD FREE:**  
 V RoHS & lead free

### General Specifications:

#### MATERIALS

- » Movable Contact & Fixed Terminals:  
**AG, GT, UG & UGT:** Silver plated over copper alloy  
**AU & UT:** Gold over nickel plated over copper alloy

#### MECHANICAL

- » Operating Temperature: -40°C to +85°C
- » Mechanical Life: 30,000 cycles at full load

#### CONTACT RATING

- » **AG, GT, UG & UGT:** 5A 120VAC/28VDC  
 2A 250VAC
- » **AU & UT:** 0.4VA max. 20V max. (AC/DC)

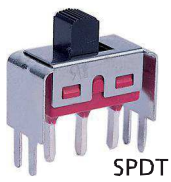
#### ELECTRICAL

- » Contact Resistance: 10mΩ max. initial @ 2-4VDC  
 100mA for silver & gold plated contacts
- » Insulation Resistance: 1,000MΩ min.

# Slide Switches

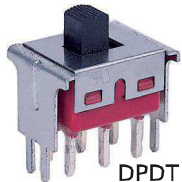
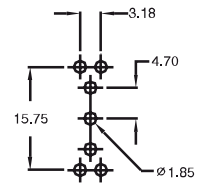
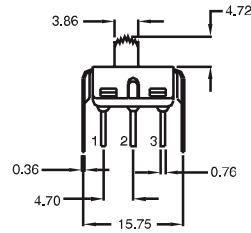
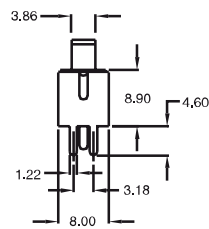
## Miniature Slide Switches

## SB5 Series



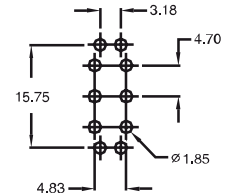
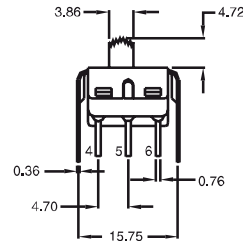
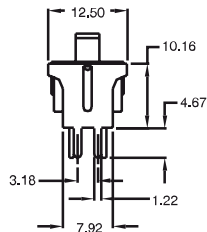
SPDT

SB5S1A1A0VS2\_ \_



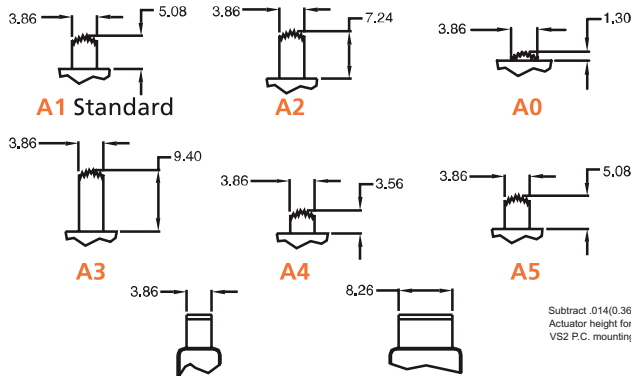
DPDT

SB5D1A1A0VS2\_ \_

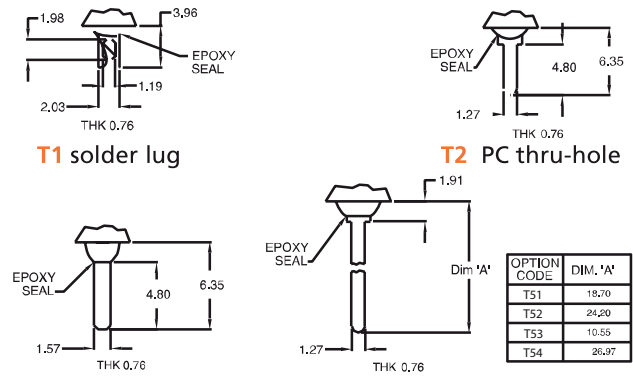


### ACTUATOR OPTIONS

### TERMINAL OPTIONS



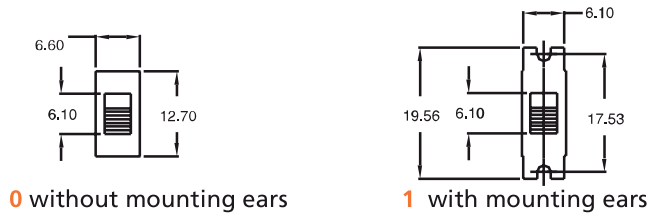
Front of A0, A1, A2, A3, A4 Front of A5 (DPDT only)



OPTION CODE	DIM. 'A'
T51	18.70
T52	24.20
T53	10.55
T54	26.97

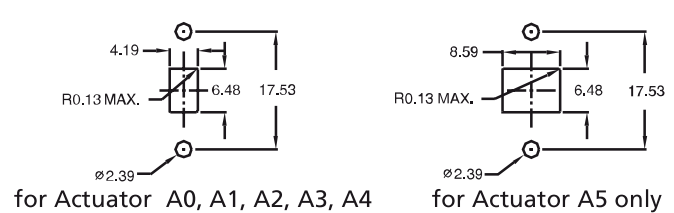
### MOUNTING EARS

### PANEL MOUNTING



0 without mounting ears

1 with mounting ears

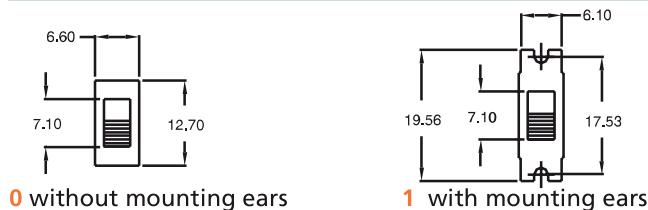


for Actuator A0, A1, A2, A3, A4

for Actuator A5 only

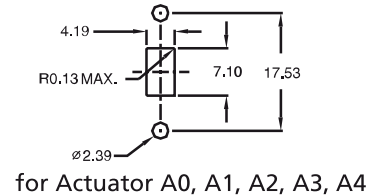
### MOUNTING EARS ( 3 POSITIONS ONLY)

### PANEL MOUNTING ( 3 POSITIONS ONLY)



0 without mounting ears

1 with mounting ears



for Actuator A0, A1, A2, A3, A4

### SWITCH FUNCTION

NO. POLES	UL MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SP	SB5S1	ON	NONE	ON	2-1	OPEN	2-3
	SB5S2	ON	NONE	MOM	2-1 2<math>\overleftarrow{COMM}</math> 3	OPEN	2-3 2<math>\overleftarrow{COMM}</math> 3
	SB5S3	ON	OFF	ON	1-3	OPEN	1-3
DP	SB5D1	ON	NONE	ON	2-1,5-4	OPEN	2-3,5-6
	SB5D2	ON	OFF	ON	2-1,5-4 2<math>\overleftarrow{COMM}</math> 3 4 5 6	OPEN	2-3,5-6 2<math>\overleftarrow{COMM}</math> 3 4 5 6

MOM=MOMENTARY