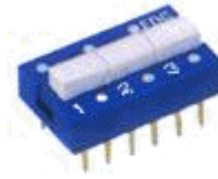


# EDG/EDS SERIES

SLIDE TYPE (SLIDE WITH RIGHT ANGLE TYPE)

PATENT NO.:29197  
24553

## FEATURES

- Tactile response is performed directly by larger contact pressure to ensure very stable contact.
- All plastics are UL 94V-0 grade fire retardant.
- Bottom epoxy sealed standard to ensure free of flux immersion during wave soldering.
- Contact wiping on make and break.
- Gold or silver plated contacts to ensure low contact resistance and long mechanical life.
- Ideal for data processing, communications, remote controls and burglar alarm system use, where manual programming is required.

## SPECIFICATIONS

### 1. ELECTRICAL

Contact rating	
switching	25 mA, 24 VDC
non-switching	100 mA, 50 VDC
Contact resistance	
initial	50 m $\Omega$ Max.
after life test	100 m $\Omega$ Max.
Insulation resistance	1000 M $\Omega$ Min. at 100 VDC
Dielectric strength	500 VDC Min. for 60 seconds
Capacitance between adjacent switches 5 pF Max.	

### 2. MECHANICAL

Temperature rating	
operating	-25°C to + 70°C
storage	-40°C to + 85°C
Operation force	800g Max.
Mechanical life	2000 operations
Humidity	95%RH, 40°C for 96 Hrs.
Vibration	Per MIL-STD-202F, method 204D
Solderability	after flux 230 $\pm$ 5°C for 5 $\pm$ 0.5 seconds, 95% coverage
Resistance to soldering heat	260 $\pm$ 5°C for 5 $\pm$ 1 seconds

## PART NUMBERING SYSTEM

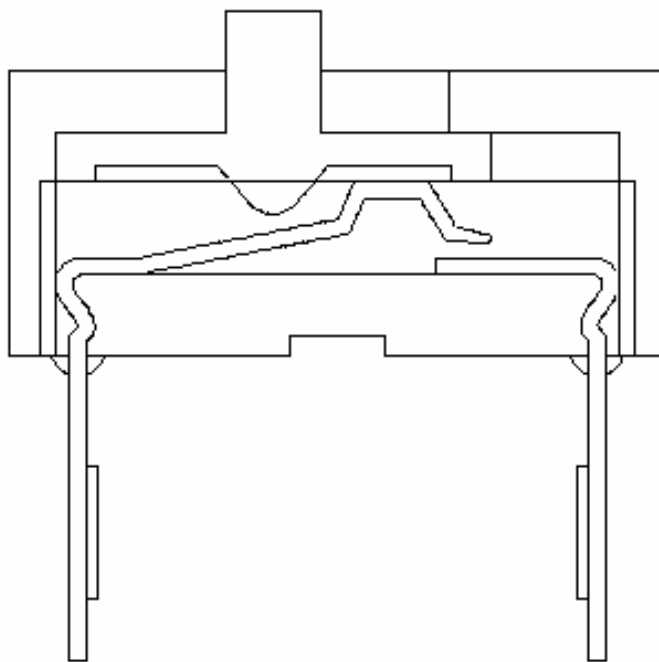
### EDG 1 08 S

+--- Actuator and Sealing:  
 S:Standard  
 L:Low Profile Actuator  
 LT:Low Profile and Tape Sealed  
 ST:Standard and Tape Sealed  
 +--- Number of positions: As Dimensions and Circuitry  
 +--- Contact Forms: 1.SPST 2.DPST 3.SPDT  
 4.3PST 5.4PST 6.DPDT  
 +--- Series Name: EDG:Gold Plated Contacts  
 EDS:Silver Plated Contacts

### EDG 1 08 S RA

+--- Right Angle  
 +--- Actuator and Sealing:  
 S:Standard  
 L:Low Profile Actuator  
 LT:Low Profile and Tape Sealed  
 ST:Standard and Tape Sealed  
 +--- Number of positions: As Dimensions and Circuitry  
 +--- Contact Forms: 1.SPST 2.DPST 4.3PST 5.4PST  
 +--- Series Name: EDG:Gold Plated Contacts/EDS:Silver Plated Contacts

## CONSTRUCTION



# DIMENSIONS AND CIRCUITRY (UNIT: mm)

## SPST

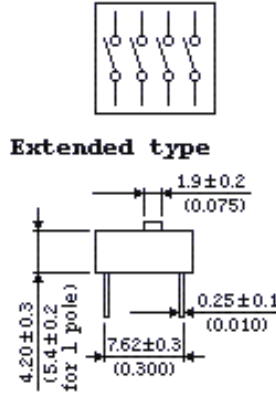
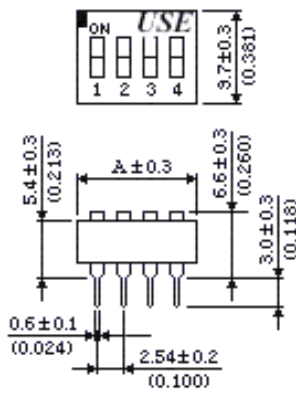
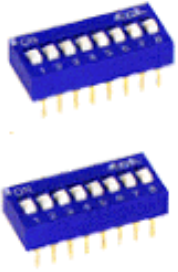
**DIMENSION A**

**SPST**

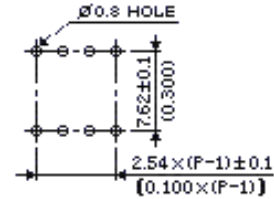
Positions	1	2	3	4	5	6	7	8	9	10	12	15
A	3.9 * (0.154)	6.7 (0.264)	9.2 (0.362)	11.7 (0.461)	14.2 (0.559)	16.7 (0.657)	19.2 (0.756)	21.7 (0.854)	24.2 (0.953)	26.7 (1.051)	31.8 (1.252)	39.5 (1.555)

Unit:mm(inch)

\* The dimensions of the 1 pole switch may vary slightly.



**P.C.B LAYOUT (TOP VIEW)**



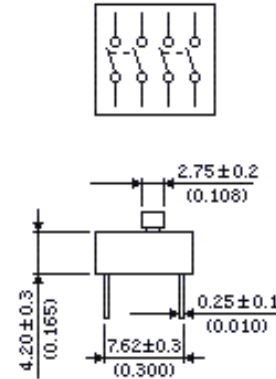
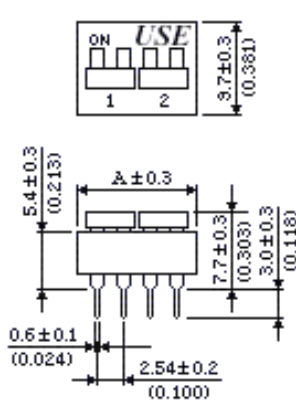
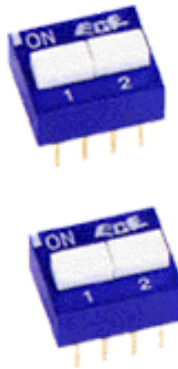
## DPST

**DIMENSION A**

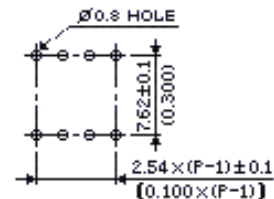
**DPST**

Positions	1	2	3	4	5	6
A	6.7 (0.264)	11.7 (0.461)	16.7 (0.657)	21.7 (0.854)	26.7 (1.05)	31.8 (1.25)

Unit:mm(inch)



**P.C.B LAYOUT (TOP VIEW)**



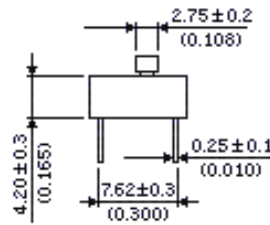
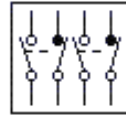
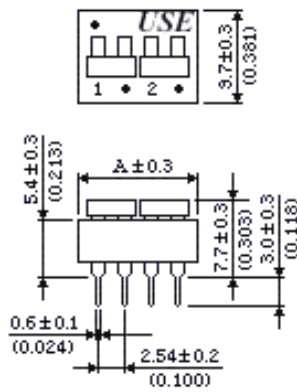
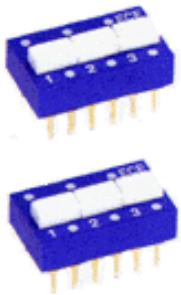
## SPDT

### DIMENSION A

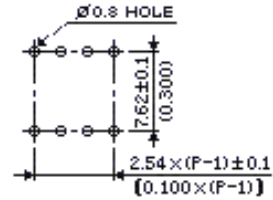
### SPDT

Positions	1	2	3	4	5	6
A	6.7 (0.264)	11.7 (0.461)	16.7 (0.657)	21.7 (0.854)	26.7 (1.05)	31.8 (1.25)

Unit:mm(inch)



### P.C.B LAYOUT (TOP VIEW)



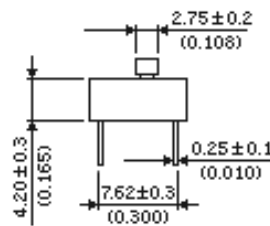
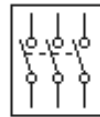
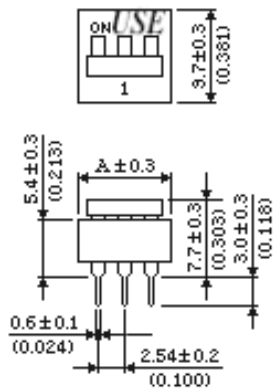
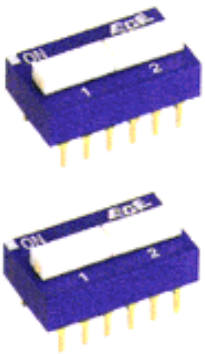
## 3PST

### DIMENSION A

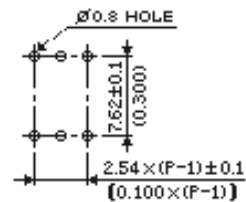
### 3PST

Positions	1	2	3	4	5
A	9.2 (0.362)	16.7 (0.657)	24.2 (0.953)	31.8 (1.25)	39.5 (1.555)

Unit:mm(inch)



### P.C.B LAYOUT (TOP VIEW)



## 4PST.DPDT

### DIMENSION A 4PST.DPDT

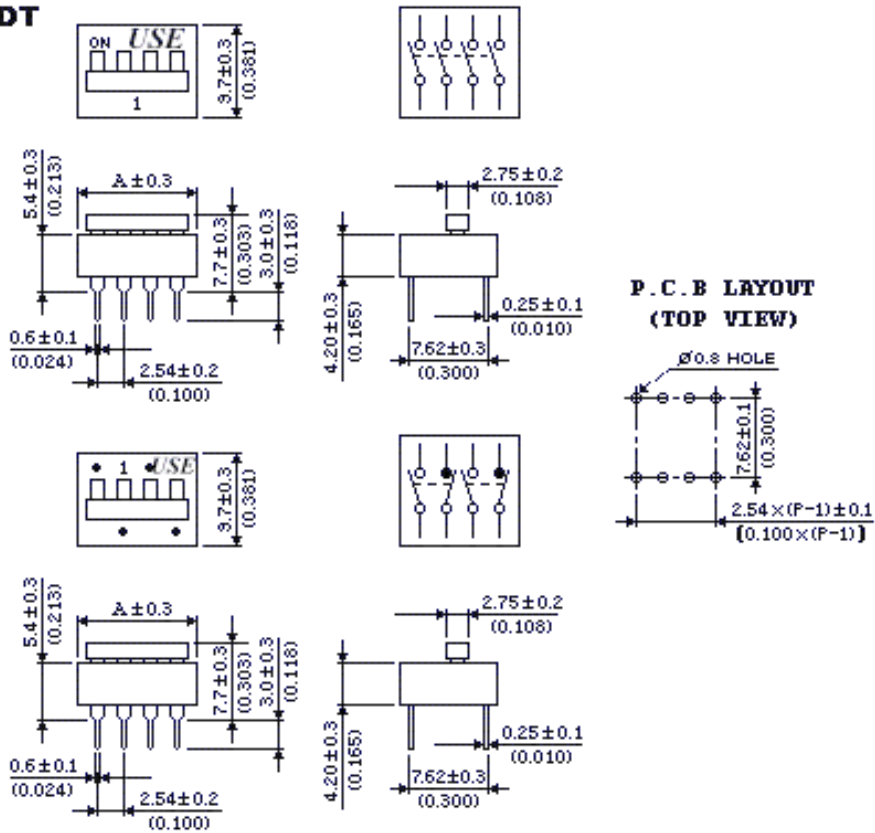
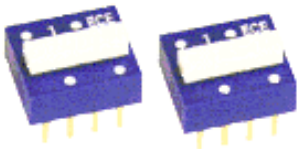
Positions	1	2	3
A	11.7 (0.461)	21.7 (0.854)	31.8 (1.25)

Unit:mm(inch)

### 4PST

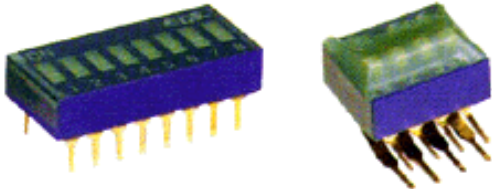


### DPDT

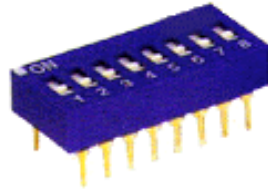


## OPTIONS

4.Low profile actuators plus top tape sealed

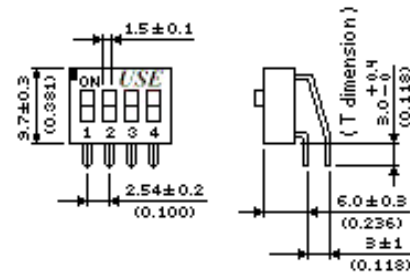


3.Low profile actuators



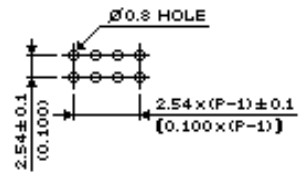
2.Slide with Right Angle Type: EDG(S)xxxSRA Series

### Right angle type

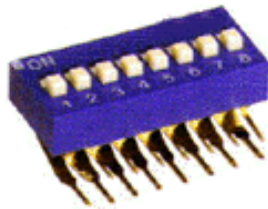


Unit:mm(inch)

### P.C.B LAYOUT



1.Special top or side marking available



\*\* The "T" dimension of the 1 position switch is 3.0 ± 0.2