

# EDG/EDS SERIES

SLIDE TYPE (SLIDE WITH RIGHT ANGLE TYPE)



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

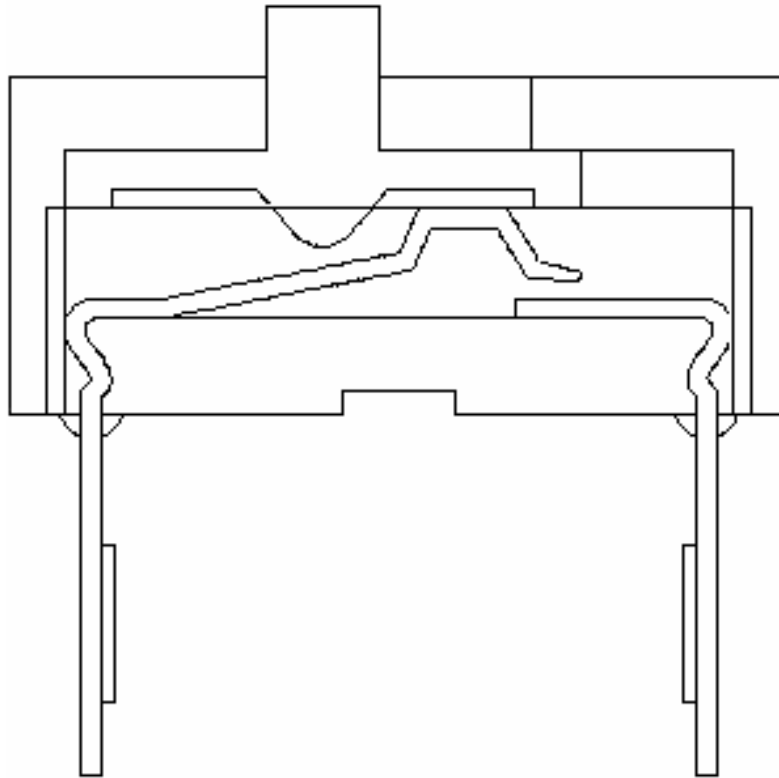
## 2 .MECHANICAL

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±5°C for 5±0.5 seconds, 95% coverage
Resistance to soldering heat	260±5°C for 5±1 seconds

## PART NUMBERING SYSTEM

EDG 1 08 S X  
 | | | | |  
 | | | | +--- Blank:Standard  
 | | | | Z:RoHS Compliance(For EDS series only)  
 | | | +--- 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 or Tin Plated Contacts

## CONSTRUCTION



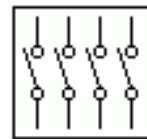
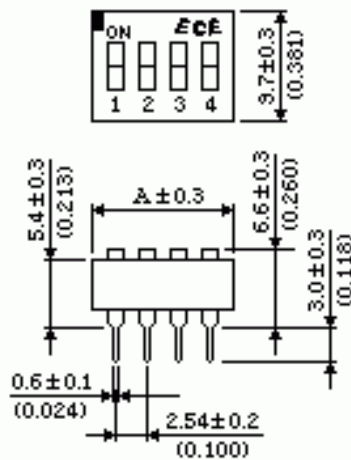
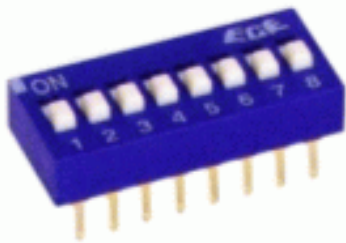
## DIMENSIONS AND CIRCUITRY

### DIMENSION A

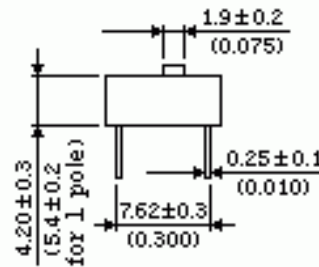
### EDG/EDS SPST

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)

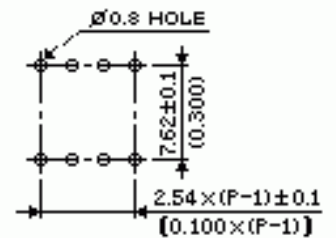
Unit:mm(inch) \* The dimensions of the 1 pole switch may vary slightly.



Extended type



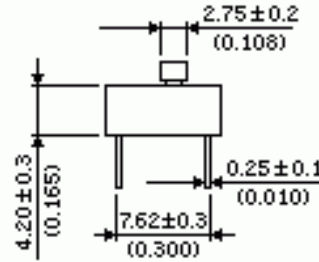
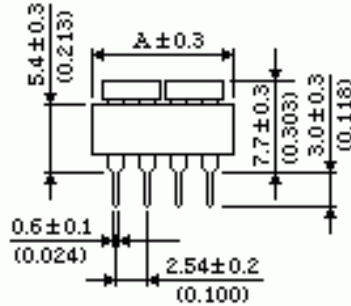
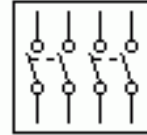
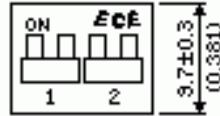
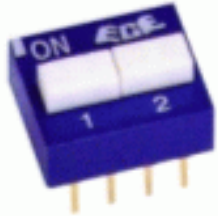
P.C.B. LAYOUT (TOP VIEW)



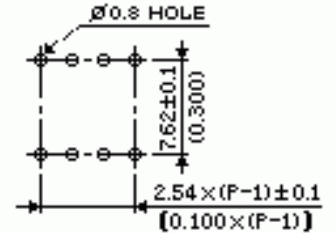
**DIMENSION A** **EDG/EDS DPST**

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)



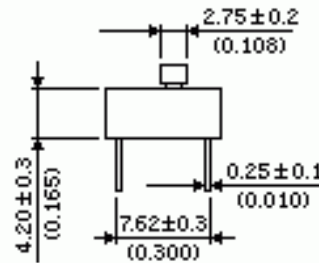
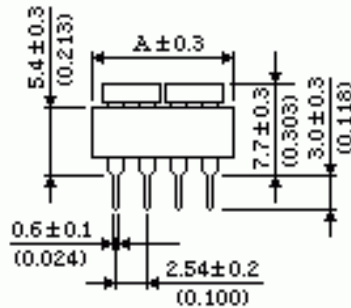
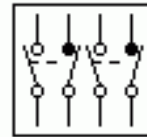
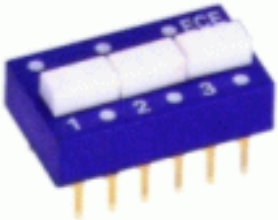
P.C.B. LAYOUT (TOP VIEW)



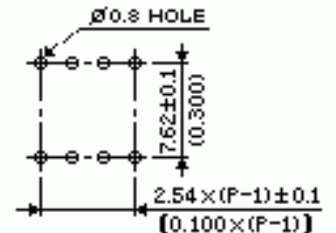
**DIMENSION A** **EDG/EDS SPDT**

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)



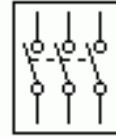
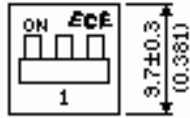
P.C.B. LAYOUT (TOP VIEW)



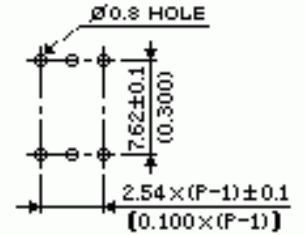
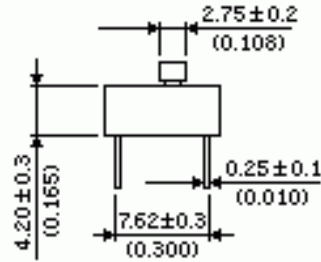
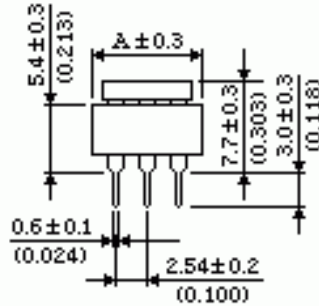
**DIMENSION A EDG/EDS 3PST**

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)



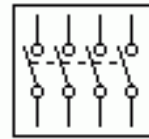
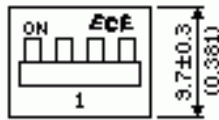
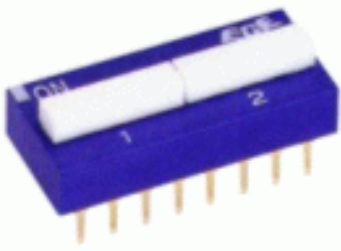
P.C.B. LAYOUT  
(TOP VIEW)



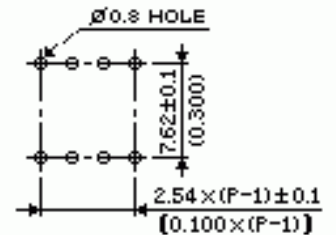
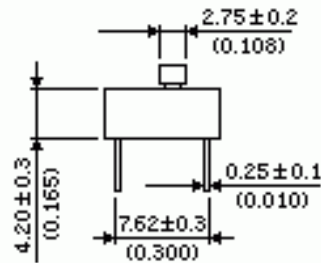
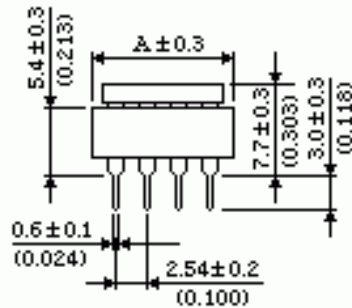
**DIMENSION A EDG/EDS 4PST**

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

Unit:mm(inch)



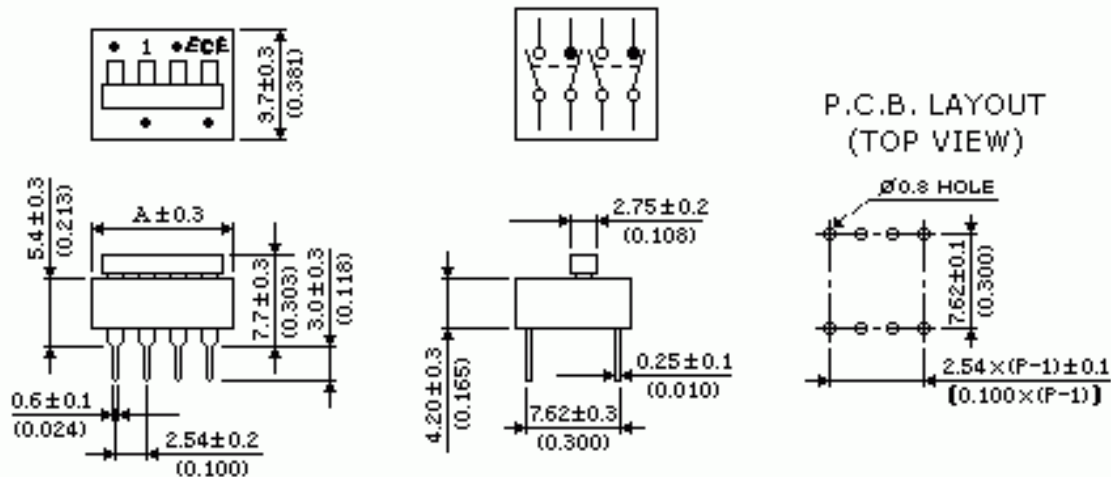
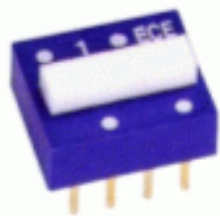
P.C.B. LAYOUT  
(TOP VIEW)



**DIMENSION A EDG/EDS DPDT**

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

Unit:mm(inch)



**OPTIONS**

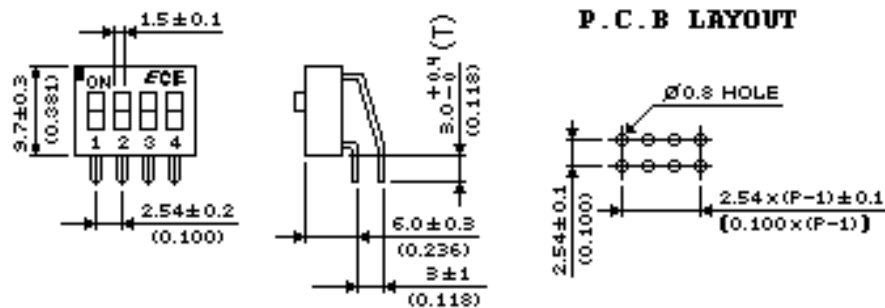
**RIGHT ANGLE TYPE**

DIMENSIONS AND CIRCUITRY

DIMENSIONS A IS SAME AS ABOVE

**Right angle type**

Unit:mm(inch)



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

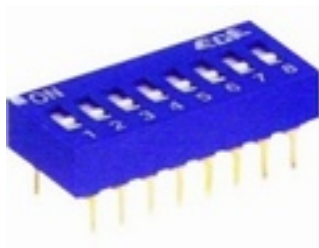
**PART NUMBERING SYSTEM**

EDG X XX X XX X X

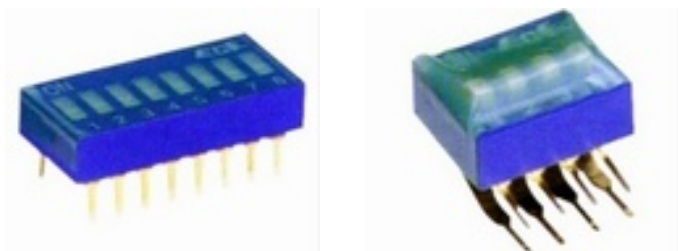
| | | | | |  
| | | | | | +--- Blank:Standard

Z:RoHS Compliance  
(For EDS series only)  
+--- Blank:Without Tape Sealed  
T:With Tape Sealed  
+--- RA:Right Angle  
+--- Actuator and Sealing:  
S:Standard  
L:Low Profile Actuator  
+--- 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 or Tin Plated Contacts

## ● LOW PROFILE ACTUATORS



## ● LOW PROFILE ACTUATORS AND TOP TAPE SEALED



## ● SPECIAL TOP OR SIDE MARKING AVAILABLE