

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

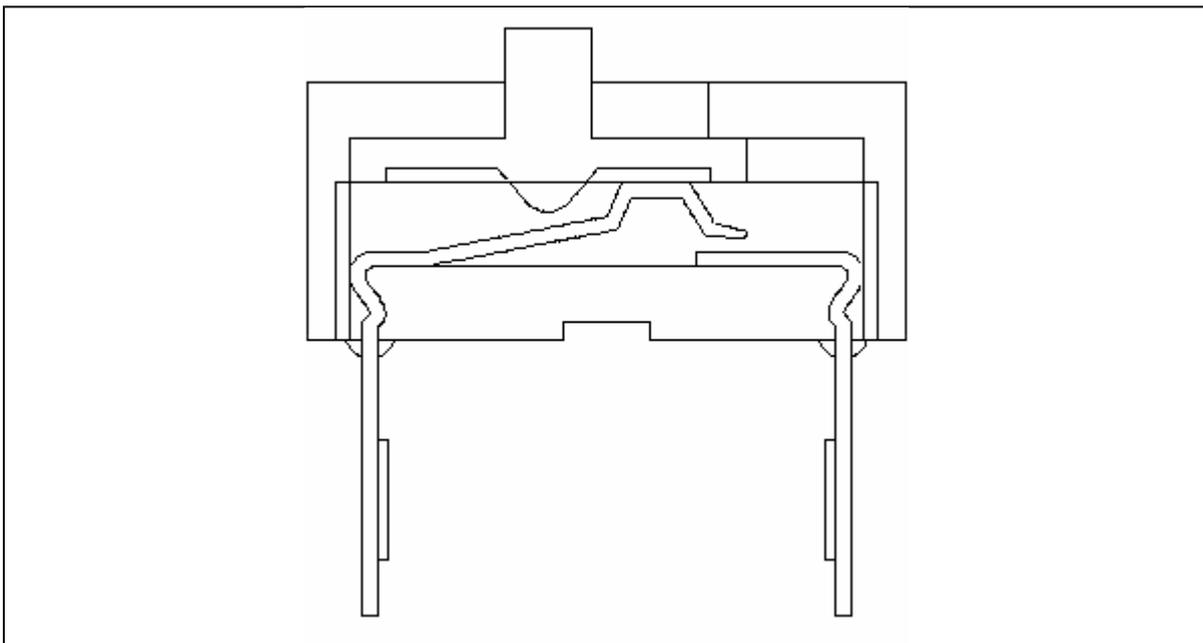
## PART NUMBERING SYSTEM

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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

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## CONSTRUCTION



## DIMENSIONS AND CIRCUITRY

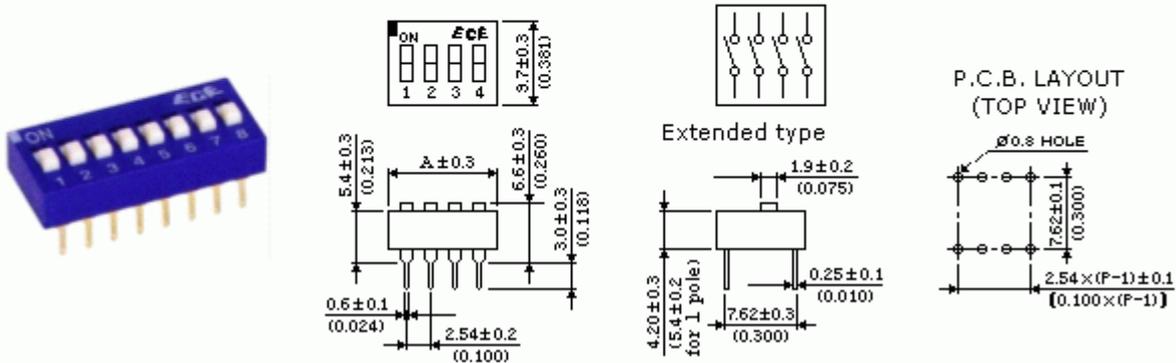


**DIMENSION A**

**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.

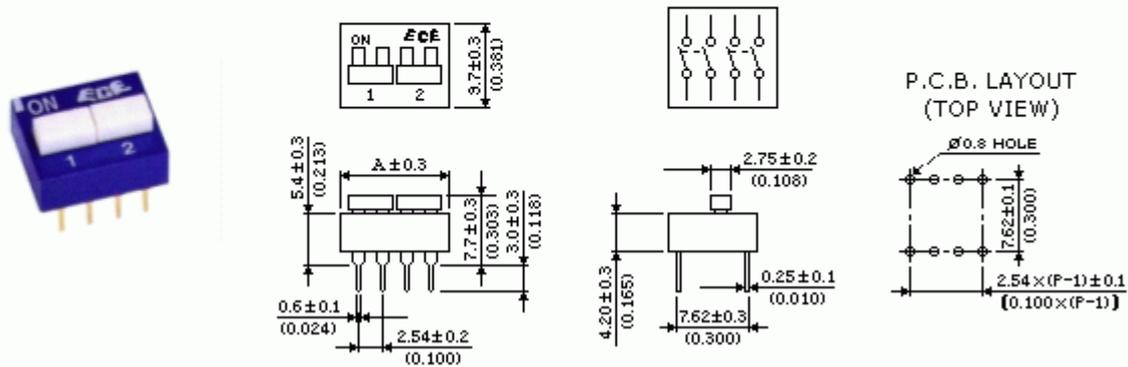


**DIMENSION A**

**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)

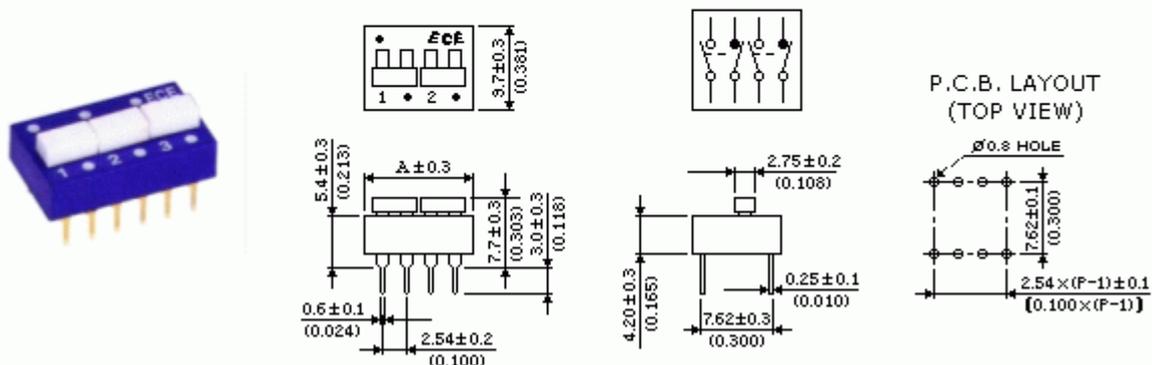


**DIMENSION A**

**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)

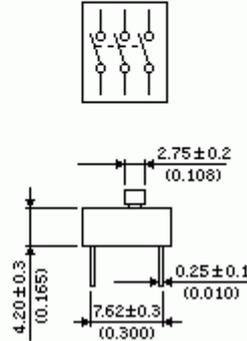
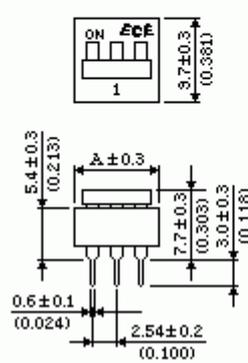
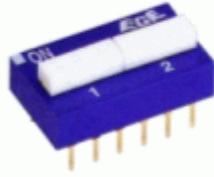
Unit:mm(inch)



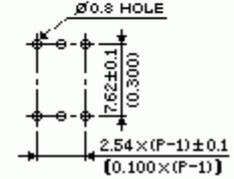
**DIMENSION A EDG/EDS 3PST**

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)



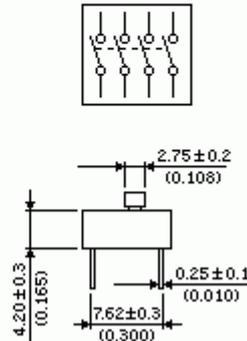
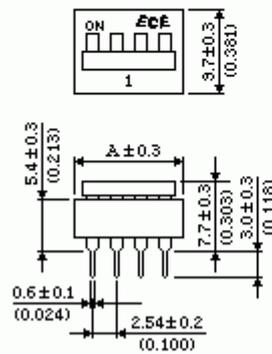
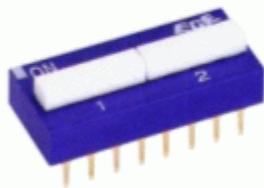
P.C.B. LAYOUT (TOP VIEW)



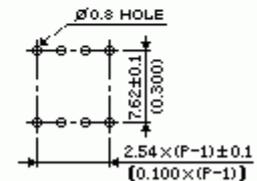
**DIMENSION A EDG/EDS 4PST**

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

Unit:mm(inch)



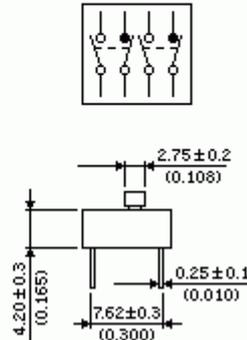
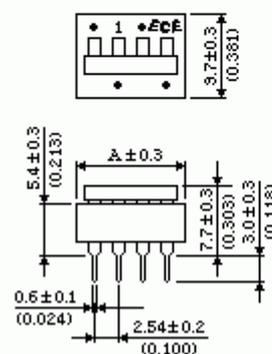
P.C.B. LAYOUT (TOP VIEW)



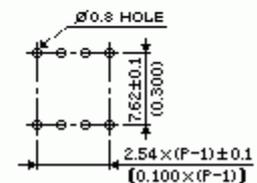
**DIMENSION A EDG/EDS DPDT**

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

Unit:mm(inch)



P.C.B. LAYOUT (TOP VIEW)

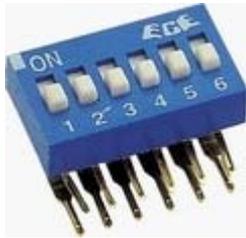


**OPTIONS**

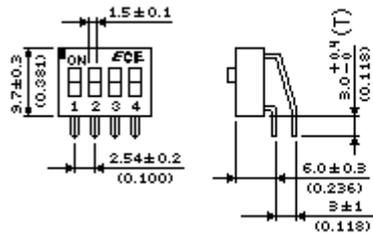
**RIGHT ANGLE TYPE**

**DIMENSIONS AND CIRCUITRY**

DIMENSIONS A IS SAME AS ABOVE

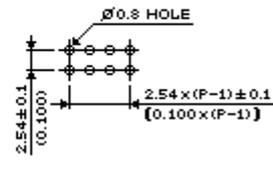


Right angle type



Unit:mm(inch)

P.C.B LAYOUT



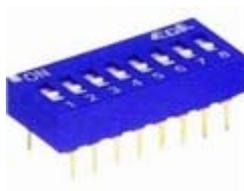
\*\* The "T" of the 1 position switch is 3.0 ± 0.2

**PART NUMBERING SYSTEM**

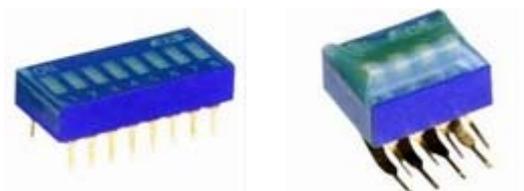
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EDG X XX X XX X X
|   |   |   |   |   |
|   |   |   |   | +--- Blank:Standard
|   |   |   |   |       Z:RoHS Compliance
|   |   |   |   |       (For EDS series only)
|   |   |   |   | +--- Blank:Without Tape Sealed
|   |   |   |   |       T:With Tape 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**