

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 Ω Max.
after life test	100m Ω Max.
Insulation resistance	1000M Ω Min. at 100VDC
Dielectric strength	500VDC Min. for 60 seconds
Capacitance between adjacent switches 5pF Max.	

2.MECHANICAL

Temperature rating

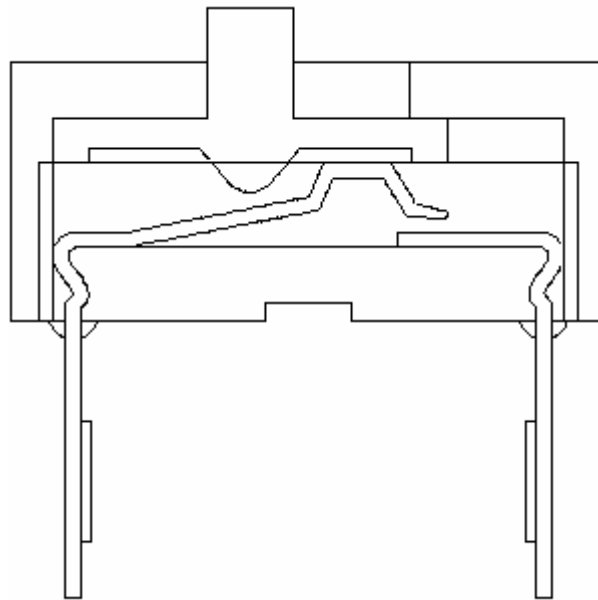
operating	-25°C to + 70°C
storage	-40°C to + 85°C
Operation force	800g Max.
Mechanical life	2000 operations
Humidity	95%RH, 40°C for 96 Hrs.
Vibration	Per MIL-STD-202F, method 204D
Solderability	after flux 230±5°C for 5±0.5 seconds, 95% coverage
Resistance to soldering heat	260±5°C for 5±1 seconds

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



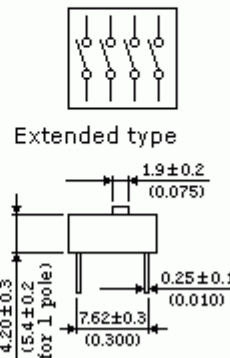
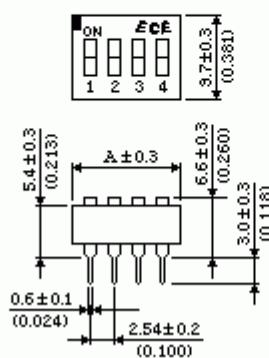
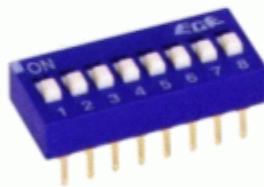
DIMENSIONS AND CIRCUITRY

DIMENSION A

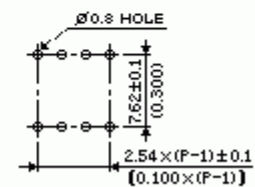
EDG/EDS SPST

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.



P.C.B. LAYOUT (TOP VIEW)

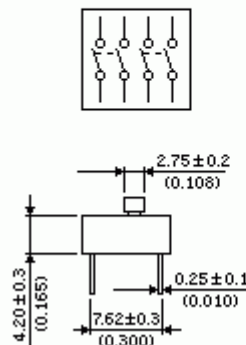
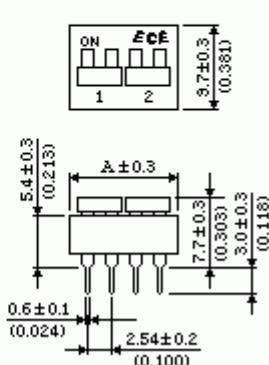


DIMENSION A

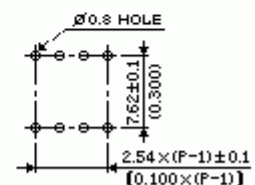
EDG/EDS DPST

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)



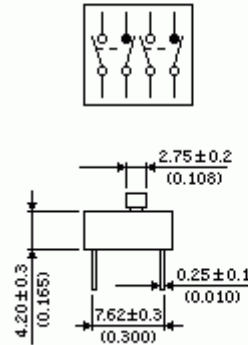
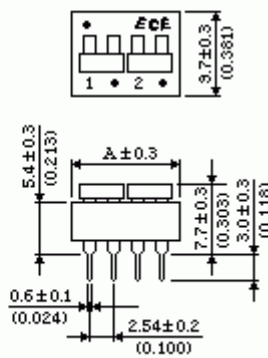
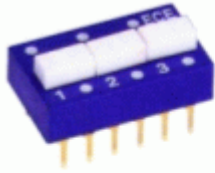
P.C.B. LAYOUT (TOP VIEW)



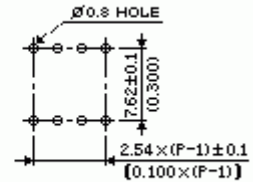
DIMENSION A **EDG/EDS SPDT**

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)



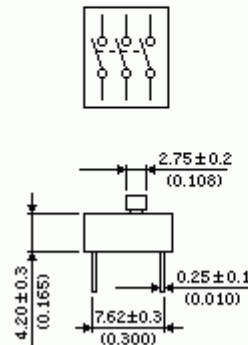
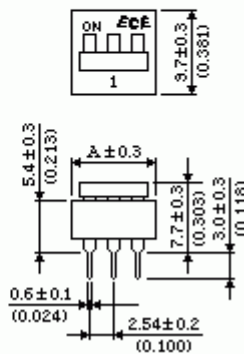
P.C.B. LAYOUT
(TOP VIEW)



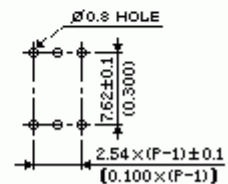
DIMENSION A **EDG/EDS 3PST**

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)



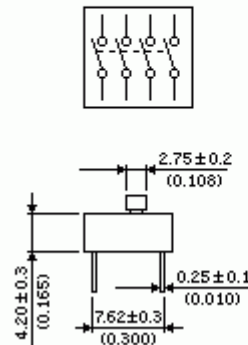
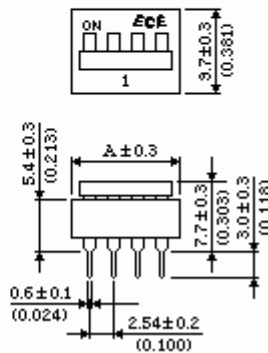
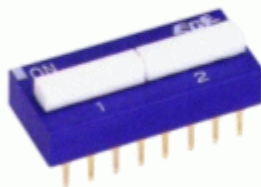
P.C.B. LAYOUT
(TOP VIEW)



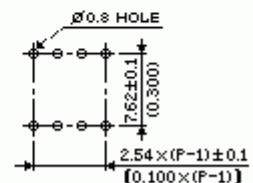
DIMENSION A **EDG/EDS 4PST**

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

Unit:mm(inch)



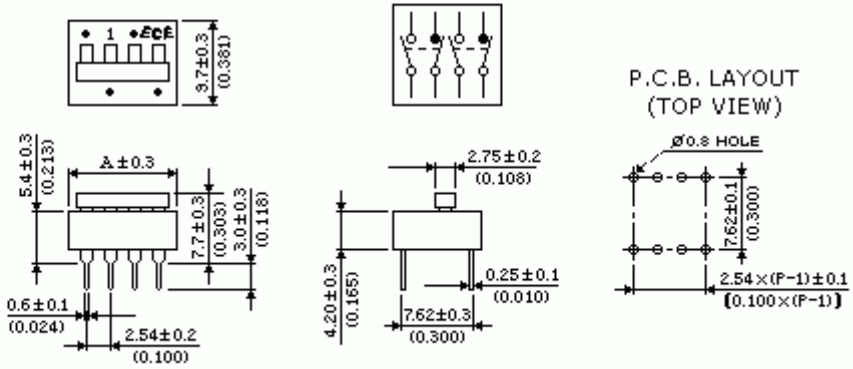
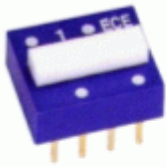
P.C.B. LAYOUT
(TOP VIEW)



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

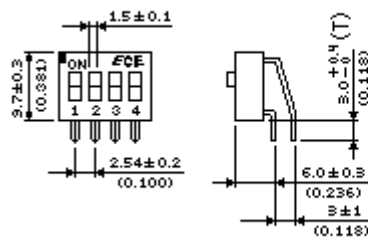
RIGHT ANGLE TYPE

DIMENSIONS AND CIRCUITRY

DIMENSIONS A IS SAME AS ABOVE



Right angle type



Unit:mm(inch)

P.C.B LAYOUT

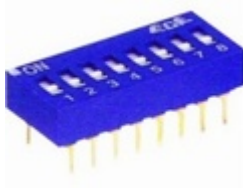
** The "T" of the 1 position switch is 3.0 ± 0.2

PART NUMBERING SYSTEM

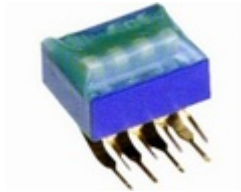
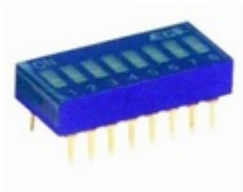
EDG X XX X XX X X

- | | | | | | |
- | | | | | | +--- 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**

