EDG/EDS SERIES
SLIDE 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.
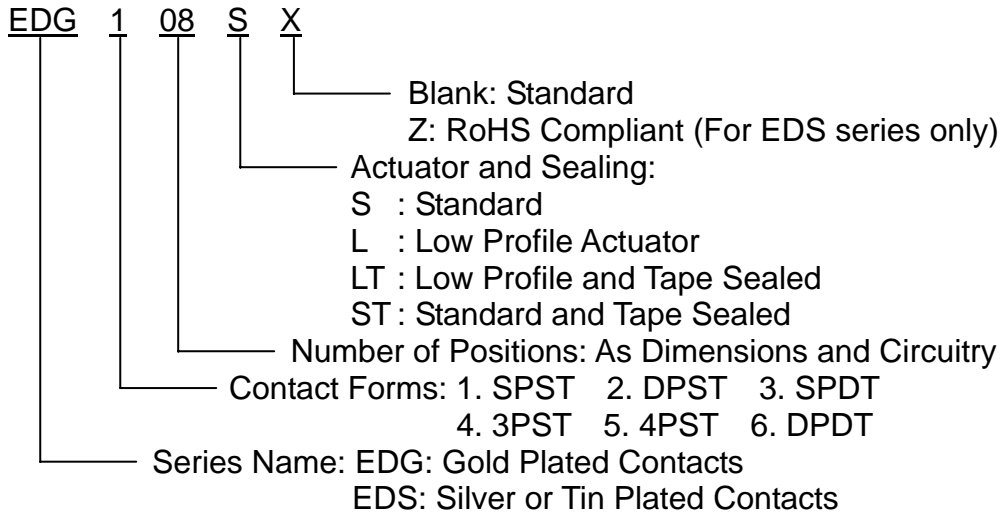
■ SPECIFICATIONS

1.ELECTRICAL

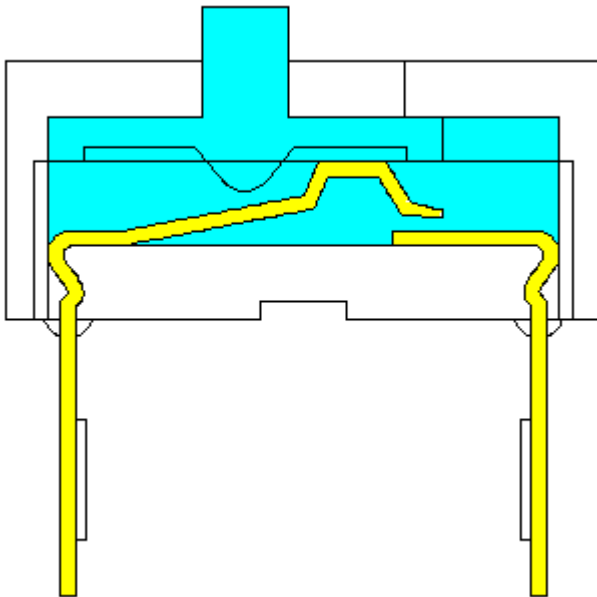| ● Contact rating	
switching	25mA, 24VDC
non-switching	100mA
● Contact resistance	
initial	50mΩ Max.
after life test	100mΩ Max.
● Insulation resistance	1000MΩ Min. at 100VDC
● Dielectric strength	500VDC Min. for 60seconds
● Capacitance between adjacent switches 5pF Max.	

2.MECHANICAL AND ENVIRONMENTAL

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

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■ PART NUMBERING SYSTEM

EDG   1   08   S   X

Blank: Standard
Z: RoHS Compliant (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

For the latest product information, Please visit our website at www.ece.com.tw

■ DIMENSIONS AND CIRCUITRY

DIMENSION A   EDG/EDS SPST

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

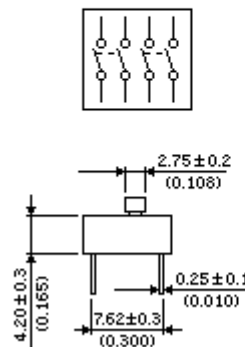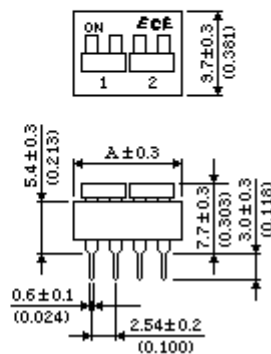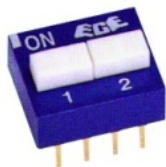Unit:mm(inch)   * The dimensions of the 1 pole switch may vary slightly.
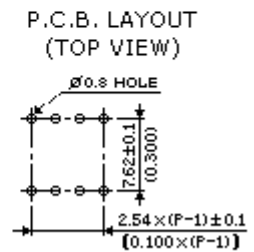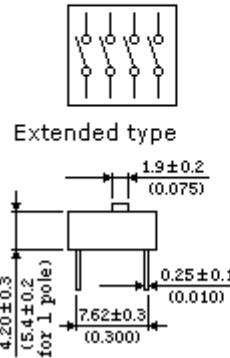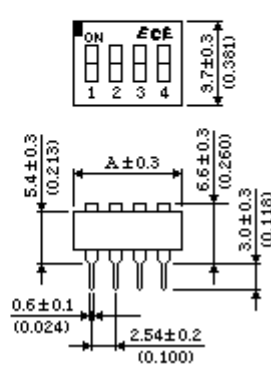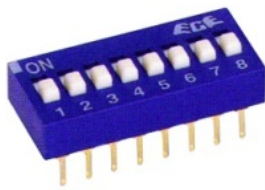
DIMENSION A   EDG/EDS DPST

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

Unit:mm(inch)

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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)
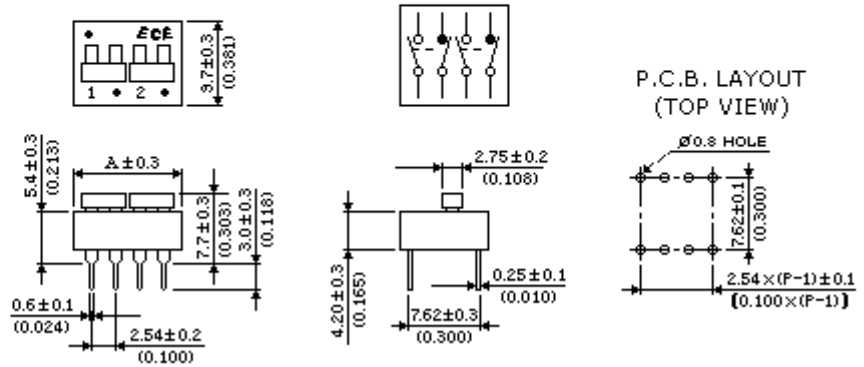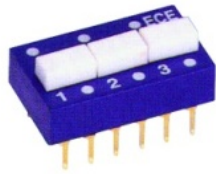
DIMENSION A   EDG/EDS 3PST

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)
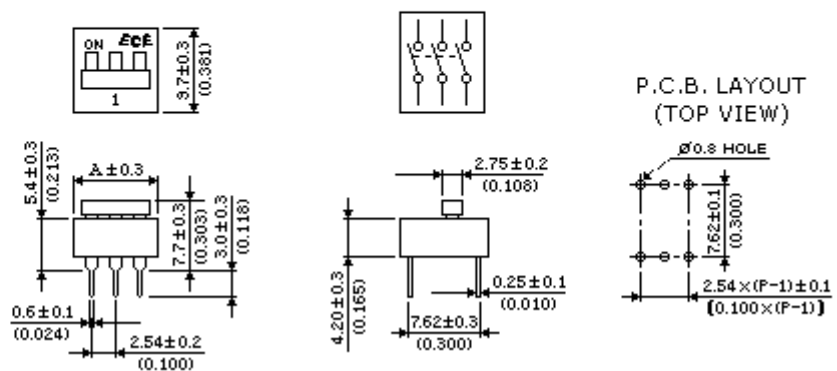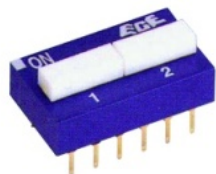
DIMENSION A   EDG/EDS 4PST

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)
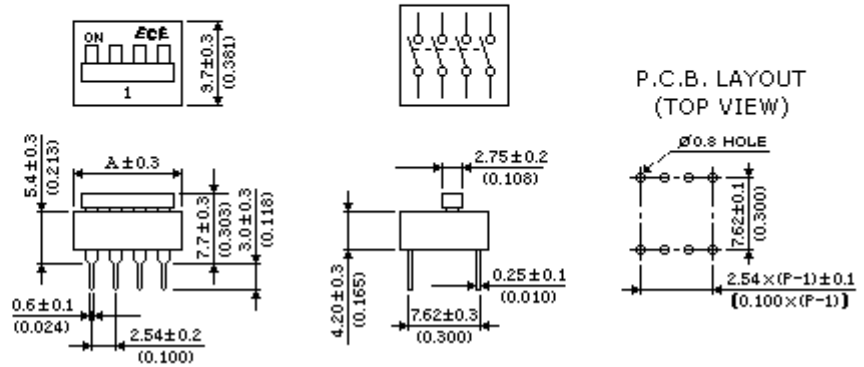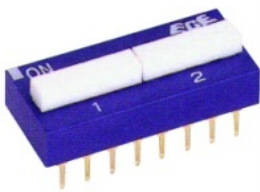
DIMENSION A   EDG/EDS DPDT

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

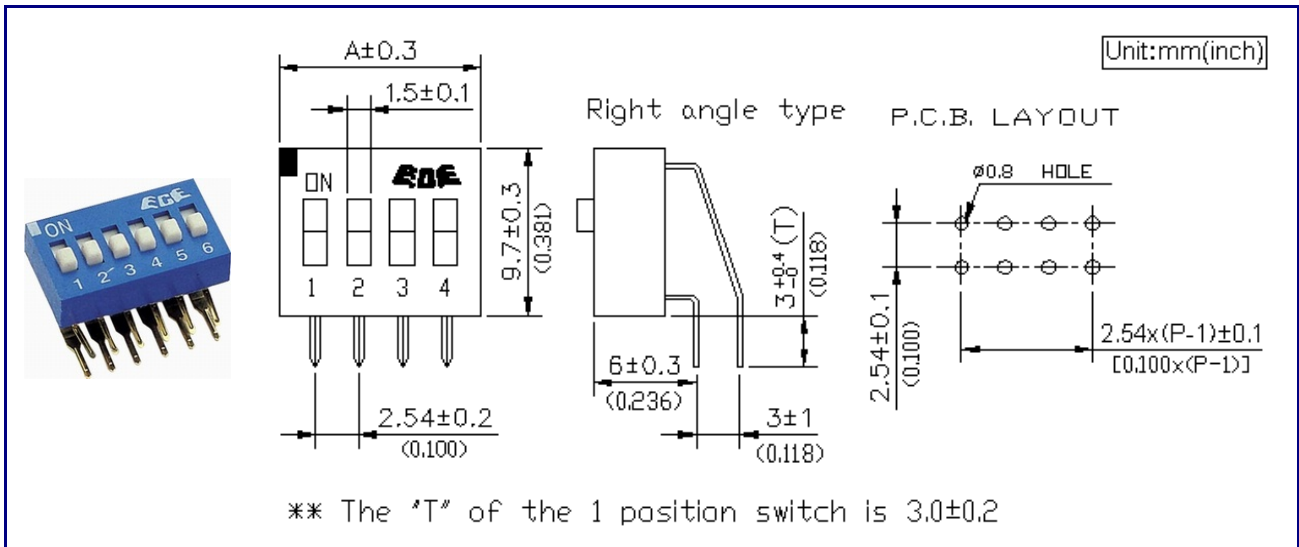Unit:mm(inch)

P.C.B. LAYOUT (TOP VIEW)
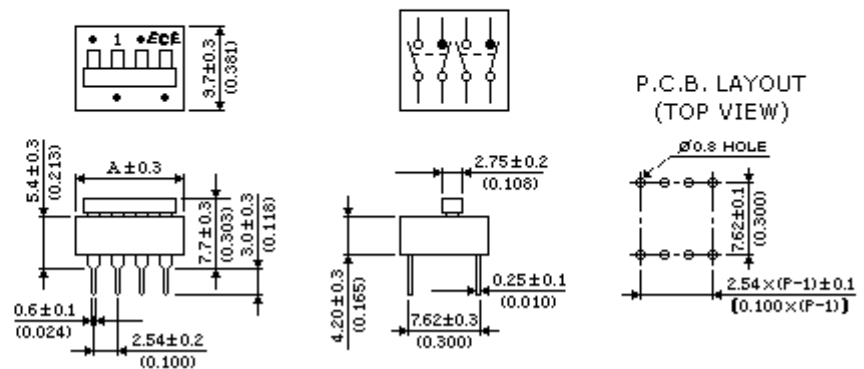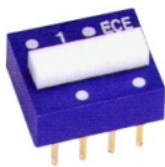
■ OPTIONS

◆ RIGHT ANGLE TYPE

DIMENSIONS AND CIRCUITRY

DIMENSIONS A IS SAME AS ABOVE

Unit:mm(inch)

Right angle type   P.C.B. LAYOUT

Ø0.8 HOLE

2.54x(P-1)±0.1
[0.100x(P-1)]

** 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 Compliant (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
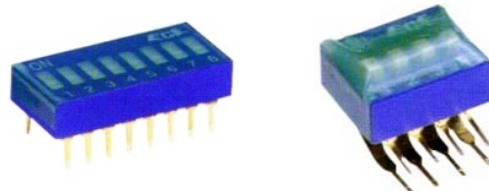- Series Name: EDG: Gold Plated Contacts
  - EDS: Silver or Tin Plated Contacts

◆ LOW PROFILE ACTUATORS

◆ LOW PROFILE ACTUATORS AND TOP TAPE SEALED

◆ SPECIAL TOP OR SIDE MARKING AVAILABLE

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