

EDG/EDS SERIES

SLIDE TYPE

RoHS Compliant

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.

APPLICATIONS

- Numerical setting for computer terminal equipment
- Price setting for vending machines
- Programming for game machines
- Programming for industrial equipment and measuring instruments

SPECIFICATIONS

1 ELECTRICAL

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

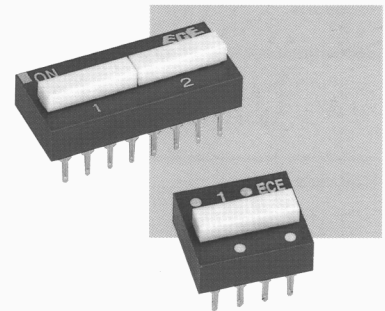
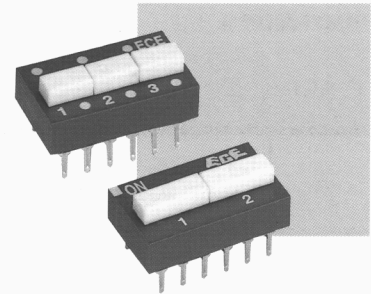
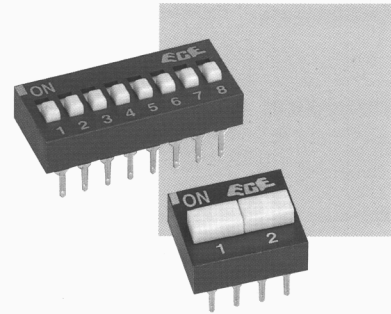
2 MECHANICAL and ENVIRONMENTAL

- 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
260 ± 5 °C for 5 ± 1 seconds

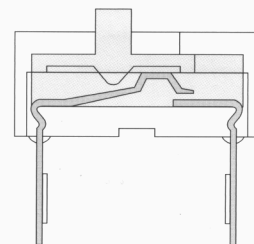
PART NUMBERING SYSTEM

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 form: 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



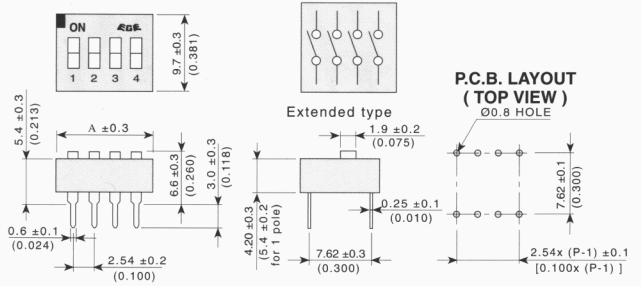
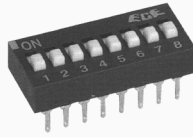
DIMENSIONS AND CIRCUITRY

DIMENSION A SPST

Positions	1	2	3	4	5	6
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)
Positions	7	8	9	10	12	15
A	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.

EDG/EDS SPST

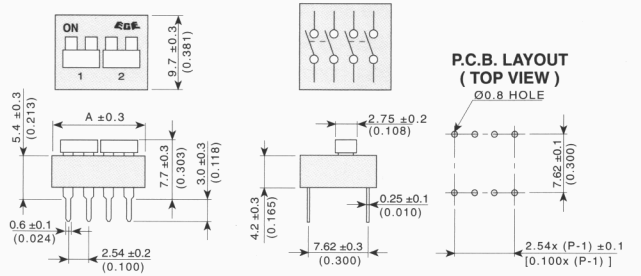
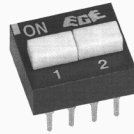


DIMENSION A DPST

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)

EDG/EDS DPST

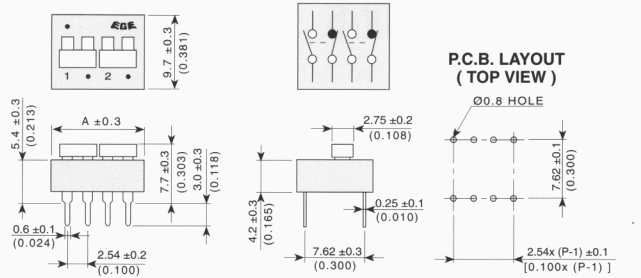
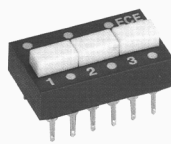


DIMENSION A SPDT

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)

EDG/EDS SPDT

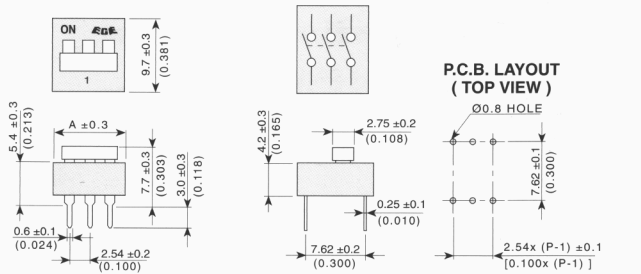
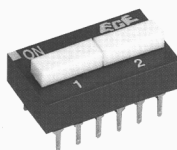


DIMENSION A 3PST

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)

EDG/EDS 3PST

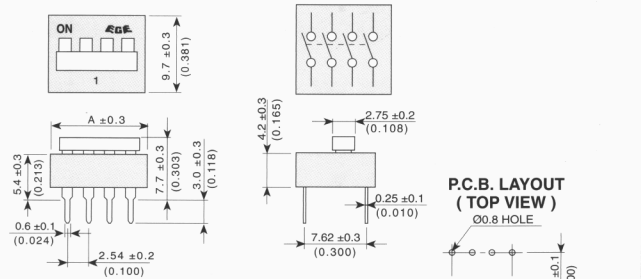
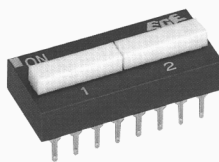


DIMENSION A 4PST. DPDT

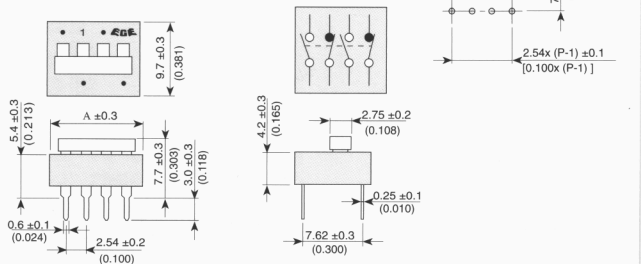
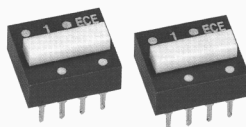
Positions	1	2	3
A	11.7 (0.461)	21.7 (0.854)	31.8 (1.25)

Unit:mm(inch)

EDG/EDS 4PST



EDG/EDS DPDT



OPTIONS



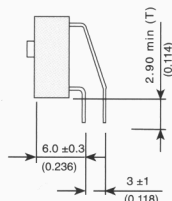
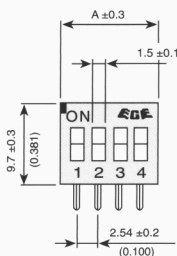
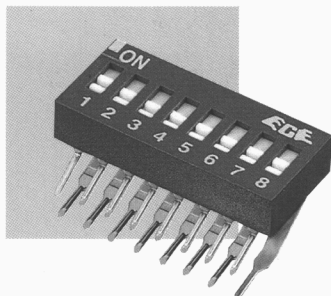
RIGHT ANGLE TYPE

DIMENSIONS AND CIRCUITRY

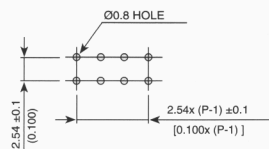
Unit:mm(inch)

DIMENSIONS A IS SAME AS PREVIOUS PAGE

Right angle type



P.C.B. LAYOUT



+ 0.4

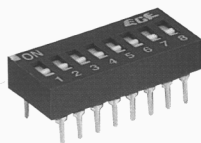
※ The "T" of the 1 position switch is 3.0 - 0.2

PART NUMBERING SYSTEM

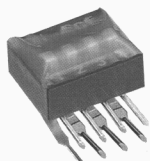
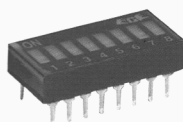
EDG X XX X XX X Z

- 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 form:** 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