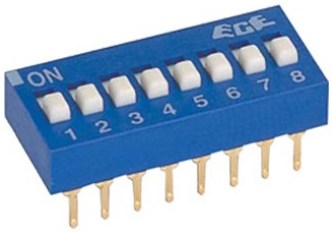
EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

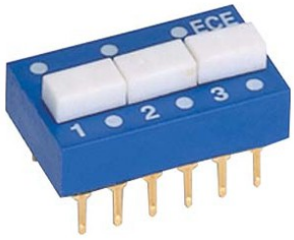
EDG/EDS SERIES
SLIDE TYPE



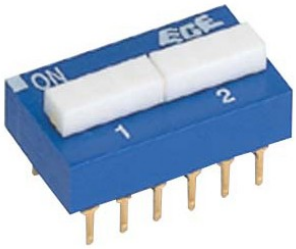
EDG/EDS SPST



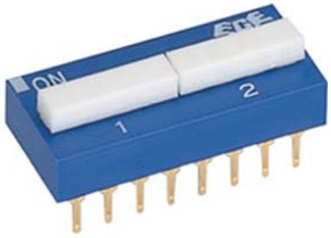
EDG/EDS DPST



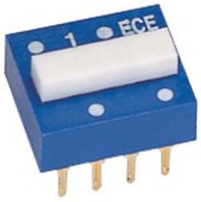
EDG/EDS SPDT



EDG/EDS 3PST



EDG/EDS 4PST



EDG/EDS DPDT

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.
- RoHS Compliant

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	25mA, 24VDC
non-switching	100mA
● Contact resistance	
initial	50mΩ Max.
after life test	100mΩ Max. (300mΩ Max. for Tin plated type)
● Insulation resistance	1000MΩ Min. at 100VDC
● Dielectric strength	500VDC Min. for 60 seconds
● Capacitance between adjacent switches 5pF Max.	

2.MECHANICAL AND ENVIRONMENTAL

● Temperature rating	
operating	-40℃ to + 85℃
Storage	-40℃ to + 85℃
● Operation force	800g Max. (SPST only)
● Mechanical life	2000 operations
● Humidity	95 %RH, 40℃ for 96 Hrs.
● Vibration	10Hz-55Hz-10Hz for 6 Hrs.
● Solderability	After flux 230±5℃ for 5±0.5 seconds, 95 %coverage
● Resistance to soldering heat	260±5℃ for 5±1 seconds

PART NUMBERING SYSTEM

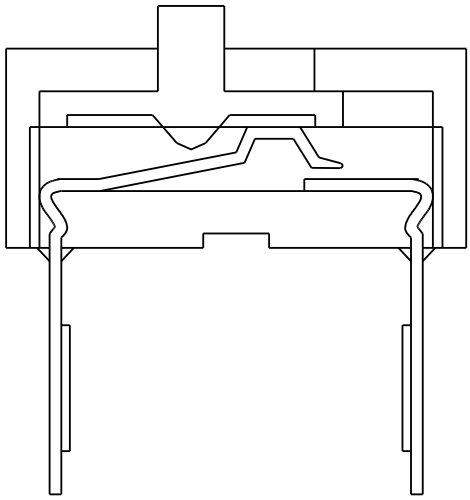
EDG 1 08 S 33 X

- X — Blank: RoHS Compliant (For EDG series only)
- 33 — Special product number
  33:Contact (Gold Plated) / Terminal (Tin Plated)
- S — Actuator and Sealing:
  S : Standard
  L : Low Profile Actuator
  LT : Low Profile and Tape Sealed
  ST : Standard and Tape Sealed
- 08 — Number of Positions: As Dimensions and Circuitry
- 1 — Contact Forms: 1. SPST 2. DPST 4. 3PST 5. 4PST
- EDG — Series Name: EDG: Gold Plated Contacts

EDS 1 08 S XX Z

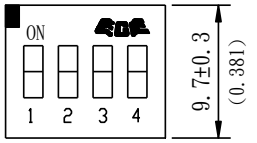
- Z: RoHS Compliant (For EDS series only)
- Special product number
- Actuator and Sealing:
  - S : Standard
  - L : Low Profile Actuator
  - LT : Low Profile and Tape Sealed
  - ST : Standard and Tape Sealed
- Number of Positions: As Dimensions and Circuitry
- Contact Forms: 1. SPST 2. DPST 3. SPDT 4. 3PST 5. 4PST 6. DPDT
- Series Name: EDS: Silver or Tin Plated Contacts

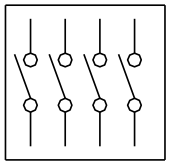
■ CONSTRUCTION



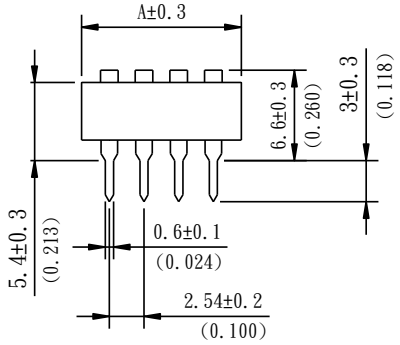
DIMENSIONS AND CIRCUITRY

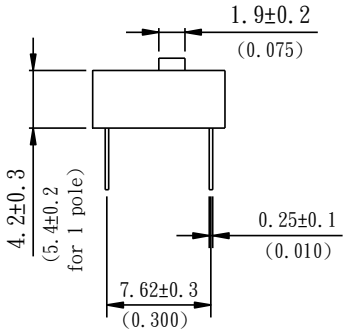
EDG/EDS SPST SERIES

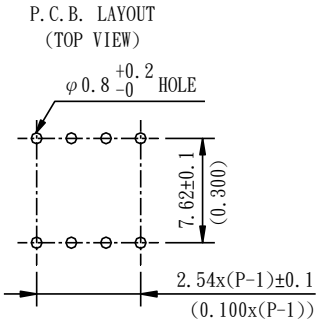




Extended type





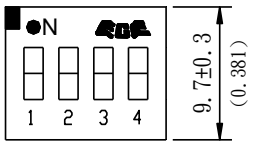


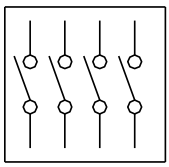
Dimension A UNIT:mm(inch)

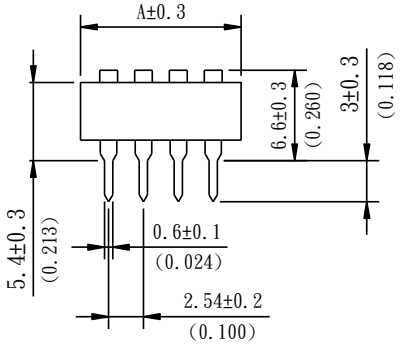
Positions	1	2	3	4	5	6	7	8	9	10	12	15
A	3.9* (0.154)	6.7 (0.264)	9.2 (0.362)	11.7 (0.461)	14.2 (0.559)	16.7 (0.657)	19.2 (0.756)	21.7 (0.854)	24.2 (0.953)	26.7 (1.051)	31.8 (1.252)	39.5 (1.555)

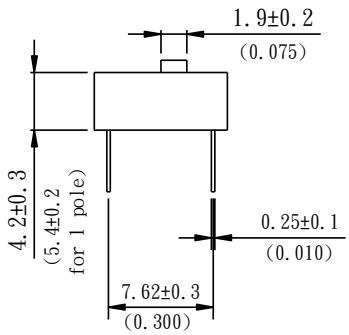
* The dimensions of the 1 pole switch may vary slightly.

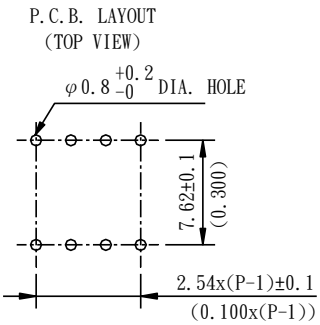
EDG 33 SERIES(SPST)









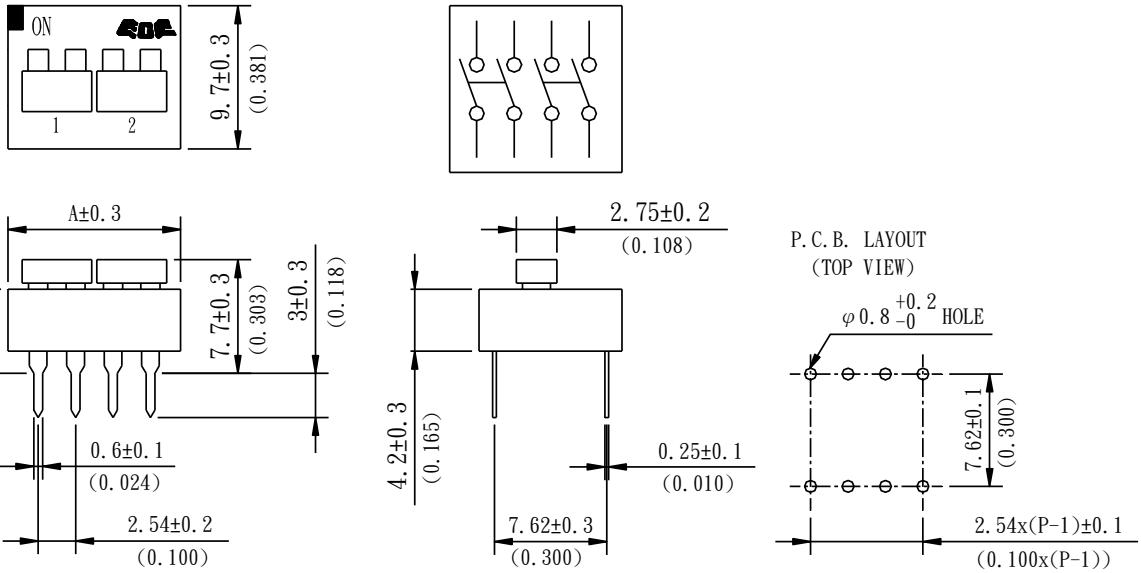


Dimension A UNIT:mm(inch)

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

Remark: 2&3 position switches don't have the "ECE" Mark.

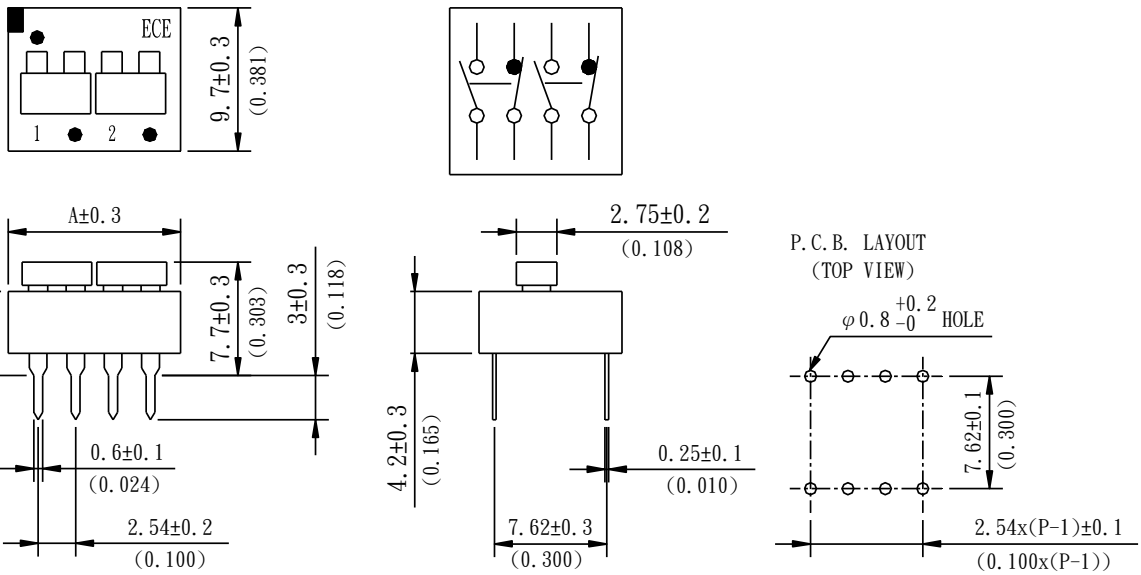
EDG/EDS DPST SERIES



Dimension A UNIT:mm(inch)

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 (1.051)	31.8 (1.252)

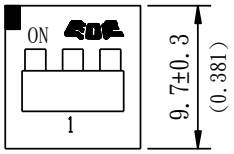
EDG/EDS SPDT SERIES

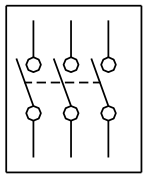


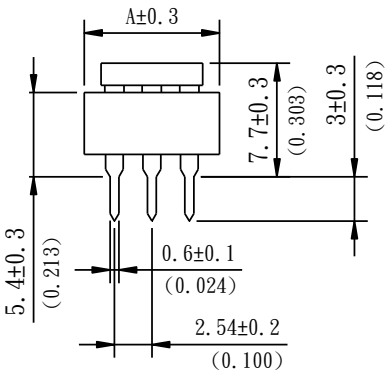
Dimension A UNIT:mm(inch)

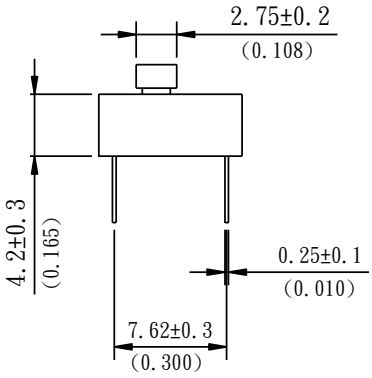
Positions	1	2	3	4	5	6
A	6.7 (0.264)	11.7 (0.461)	16.7 (0.657)	21.7 (0.854)	26.7 (1.051)	31.8 (1.252)

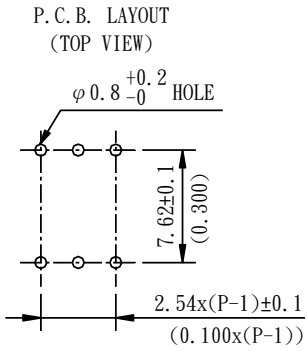
EDG/EDS 3PST SERIES







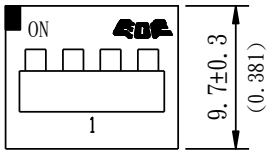


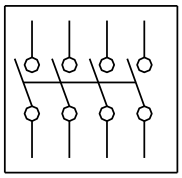


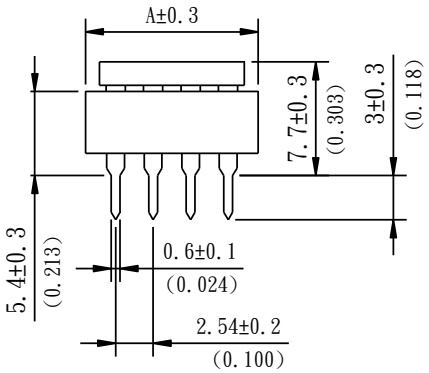
Dimension A UNIT:mm(inch)

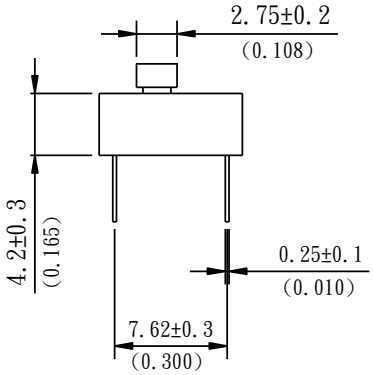
Positions	1	2	3	4	5
A	9.2 (0.362)	16.7 (0.657)	24.2 (0.953)	31.8 (1.252)	39.5 (1.555)

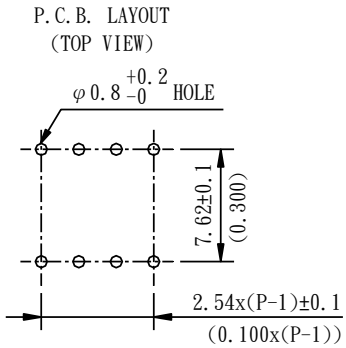
EDG/EDS 4PST SERIES







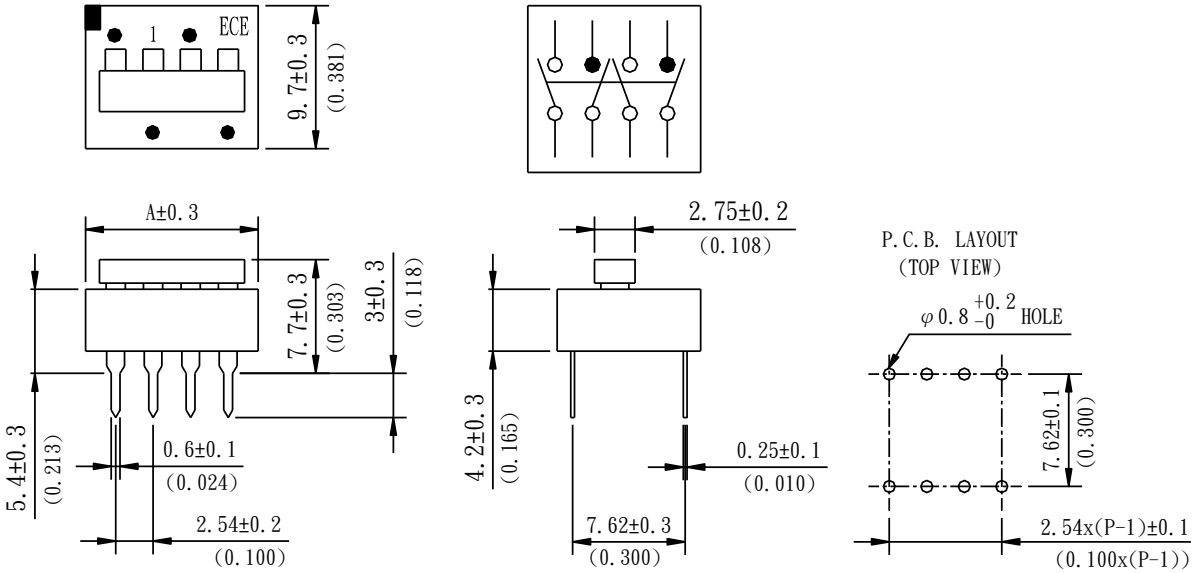




Dimension A UNIT:mm(inch)

Positions	1	2	3
A	11.7 (0.461)	21.7 (0.854)	31.8 (1.252)

EDG/EDS DPDT SERIES



Dimension A UNIT:mm(inch)

Positions	1	2	3
A	11.7 (0.461)	21.7 (0.854)	31.8 (1.252)

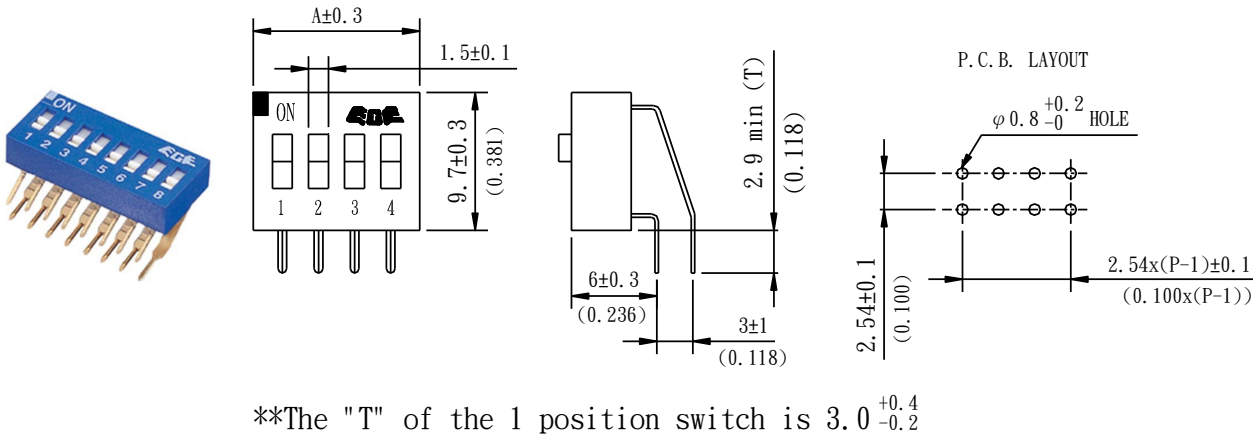
■ OPTIONS

◆ RIGHT ANGLE TYPE

DIMENSIONS AND CIRCUITRY

DIMENSIONS A IS SAME AS PREVIOUS PAGE

Right angle type UNIT:mm(inch)



**The "T" of the 1 position switch is $3.0^{+0.4}_{-0.2}$

PART NUMBERING SYSTEM

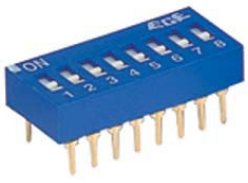
EDG X XX X RA X 33

- 33: Special product number: 33: Contact (Gold Plated) / Terminal (Tin Plated)
- X: Blank: Without Tape Sealed; T: With Tape Sealed
- RA: Right Angle
- X: Actuator and Sealing: S: Standard; L: Low Profile Actuator
- XX: Number of Positions: As Dimensions and Circuitry
- X: Contact Forms: 1. SPST 2. DPST 4. 3PST 5. 4PST
- EDG: Series Name: EDG: Gold Plated Contacts

EDG X XX X RA X X

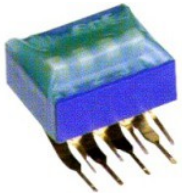
- X: Z: RoHS Compliant (For EDS series only); Blank: RoHS Compliant (For EDG series only)
- X: Blank: Without Tape Sealed; T: With Tape Sealed
- RA: Right Angle
- X: Actuator and Sealing: S: Standard; L: Low Profile Actuator
- XX: Number of Positions: As Dimensions and Circuitry
- X: Contact Forms: 1. SPST 2. DPST 4. 3PST 5. 4PST
- EDG: 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