



EDG/EDS SERIES

SLIDE TYPE (SLIDE WITH RIGHT ANGLE TYPE)



· [ABOUT ECE](#)

· [WHAT'S NEW](#)

· [PRODUCTS](#)

· [INVESTOR RELATIONS](#)

· [CONTACT US](#)

· [MEMBER LOGIN](#)

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 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)

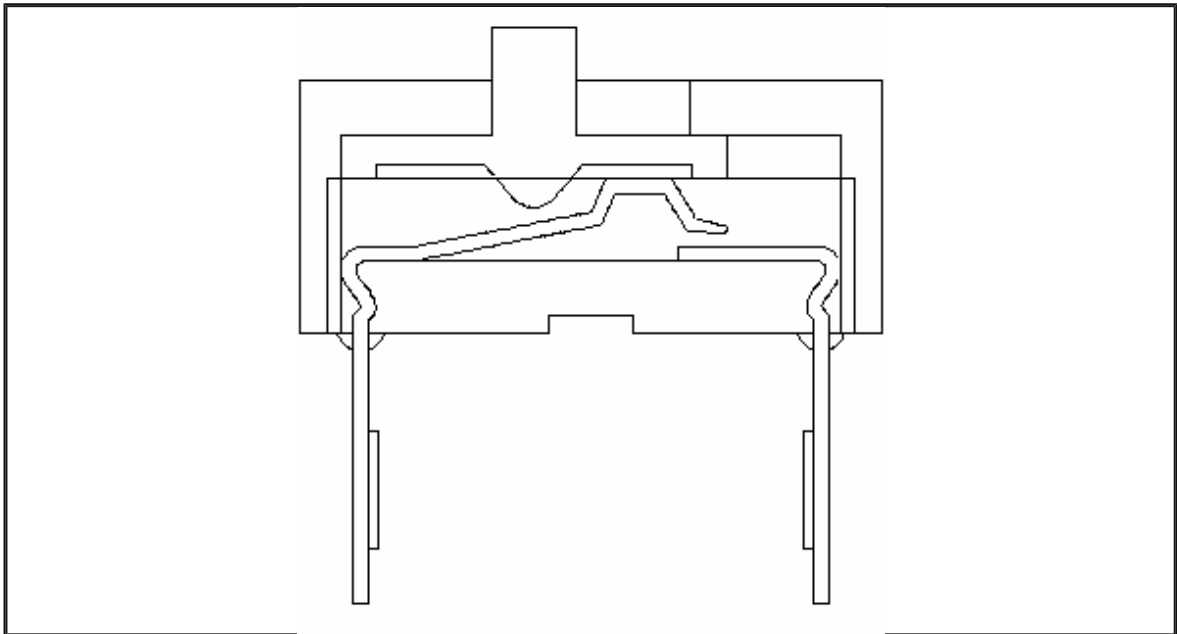
----- Actuator and Sealing:
S:Standard
L:Low Profile Actuator
LT:Low Profile and Tape Sealed
ST:Standard and Tape Sealed

----- 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



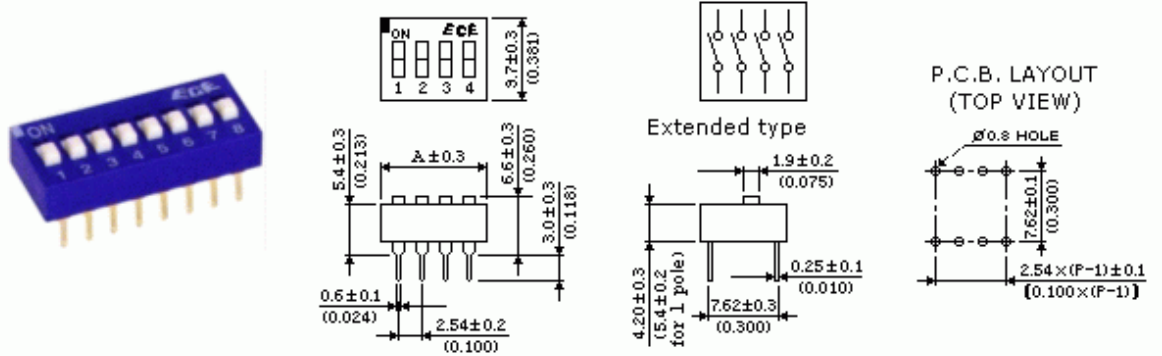
DIMENSIONS AND CIRCUITRY

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.

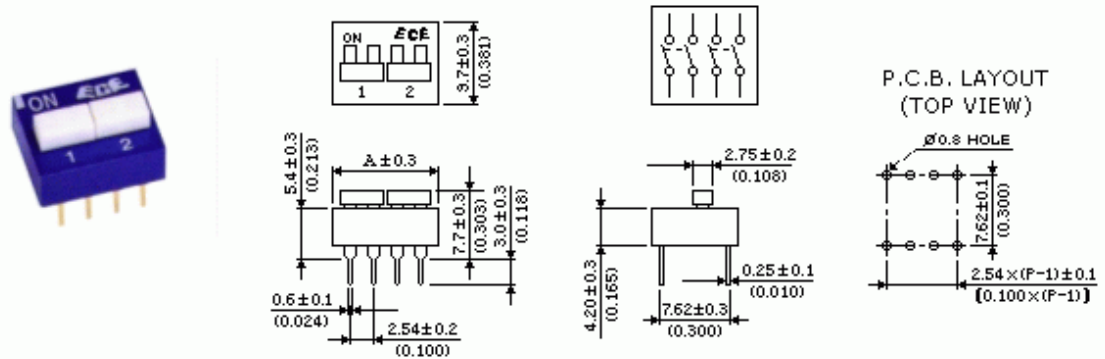


DIMENSION A

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)

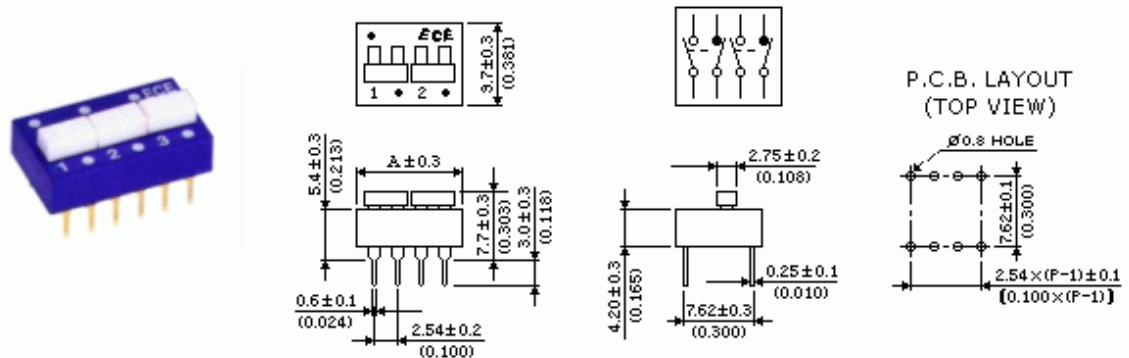


DIMENSION A

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)

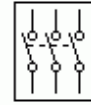
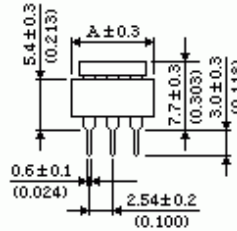
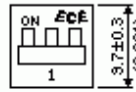
Unit:mm(inch)



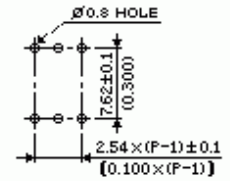
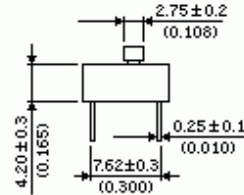
DIMENSION A EDG/EDS 3PST

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)



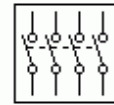
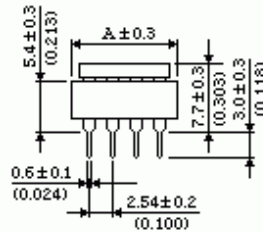
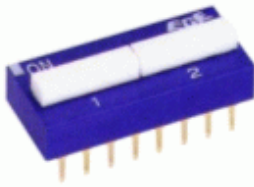
P.C.B. LAYOUT (TOP VIEW)



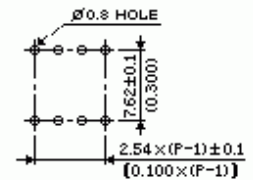
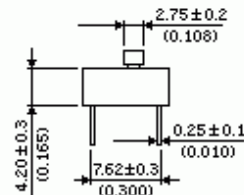
DIMENSION A EDG/EDS 4PST

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

Unit:mm(inch)



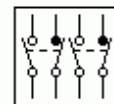
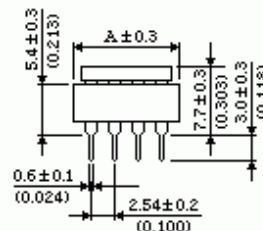
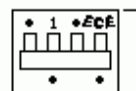
P.C.B. LAYOUT (TOP VIEW)



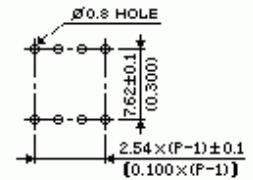
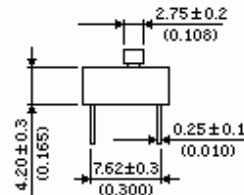
DIMENSION A EDG/EDS DPDT

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)



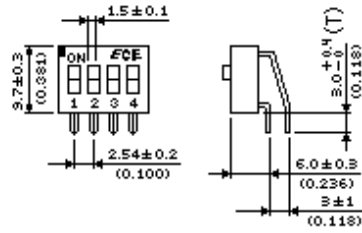
OPTIONS

- **RIGHT ANGLE TYPE**
DIMENSIONS AND CIRCUITRY

DIMENSIONS A IS SAME AS ABOVE

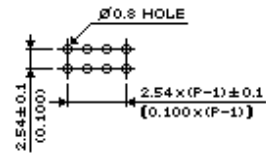


Right angle type



Unit:mm(inch)

P.C.B LAYOUT

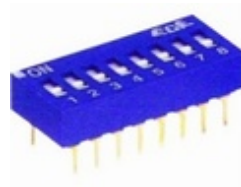


** The "T" of the 1 position switch is 3.0 ± 0.2

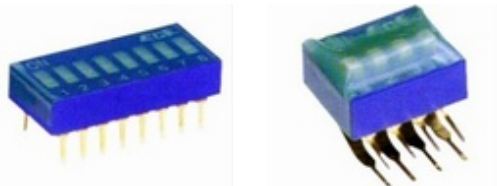
PART NUMBERING SYSTEM

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