

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

PART NUMBERING SYSTEM

EDG 1 08 S X

----- Blank:Standard
 Z:Lead-Free(FOR EDS series only)

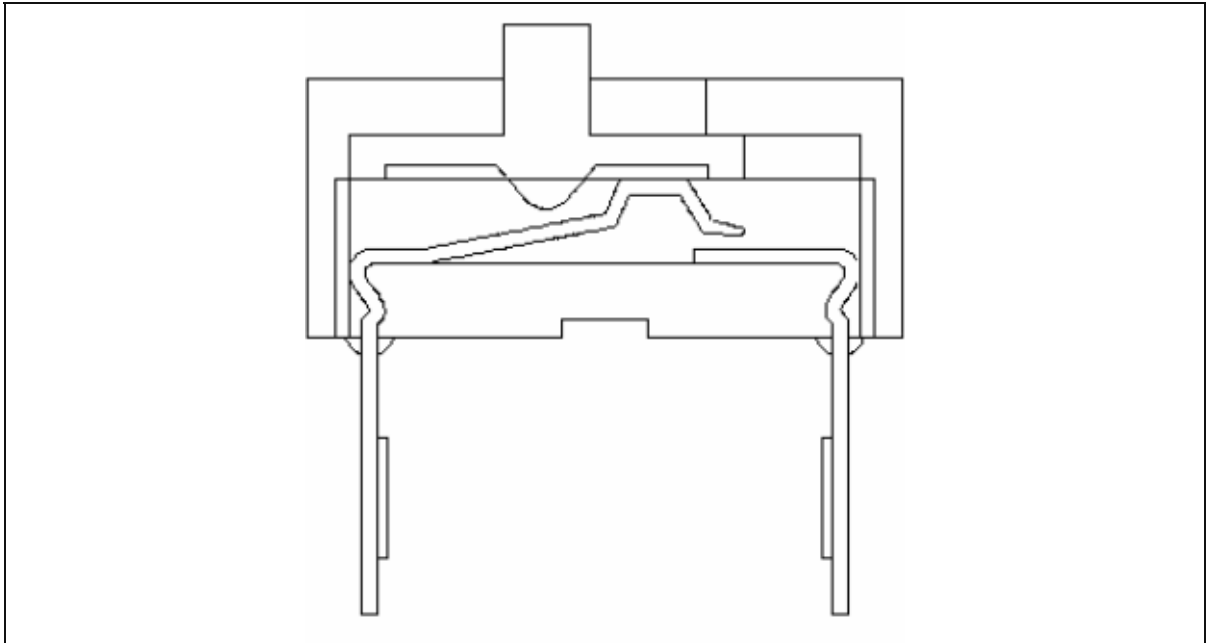
----- Actuator and Sealing:
 S:Standard
 L:Low Profile Actuator
 LT:Low Profile and Tape Sealed
 ST:Standard and Tape Sealed

----- 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



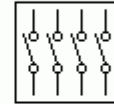
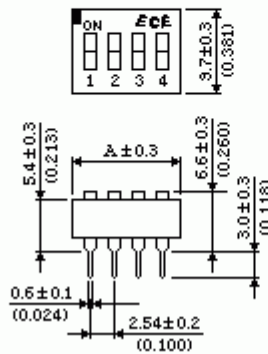
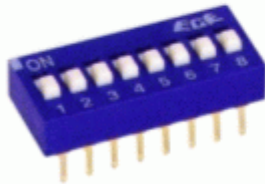
DIMENSIONS AND CIRCUITRY

DIMENSION A

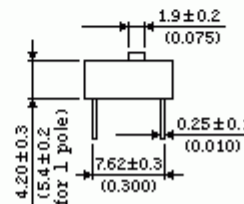
EDG/EDS SPST

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)

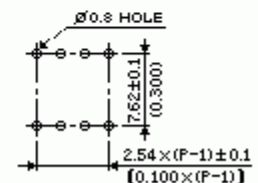
Unit:mm(inch) * The dimensions of the 1 pole switch may vary slightly.



Extended type



P.C.B. LAYOUT
(TOP VIEW)

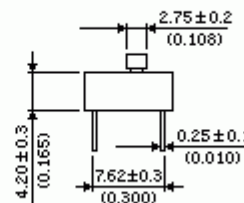
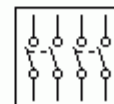
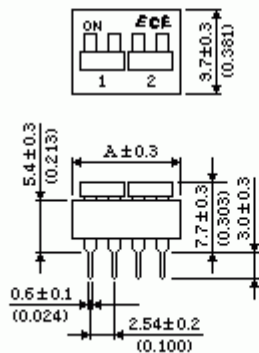


DIMENSION A

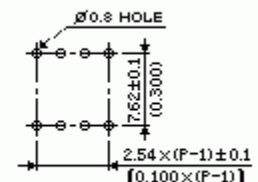
EDG/EDS DPST

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)

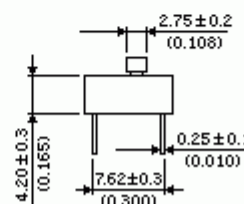
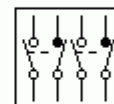
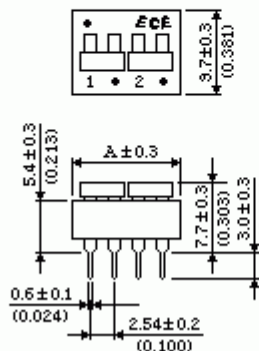
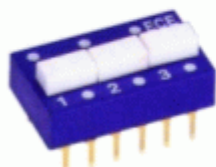


DIMENSION A

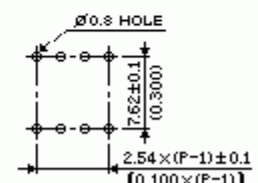
EDG/EDS SPDT

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)



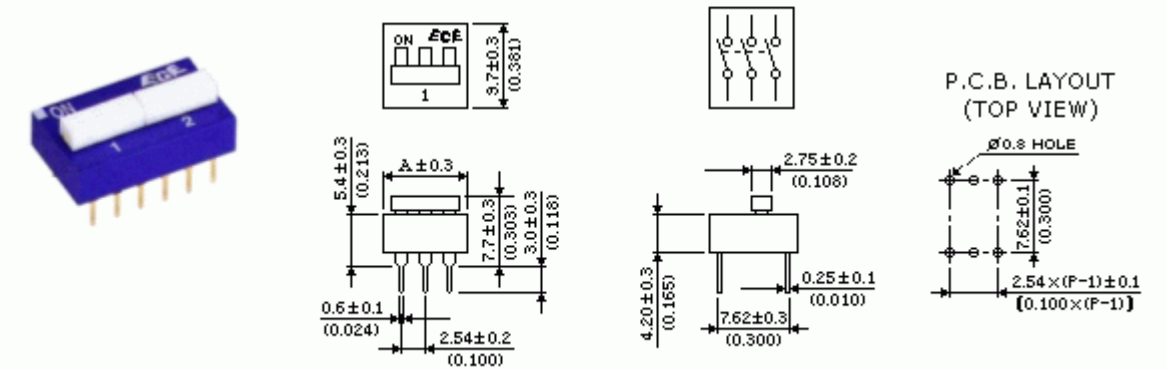
P.C.B. LAYOUT
(TOP VIEW)



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)

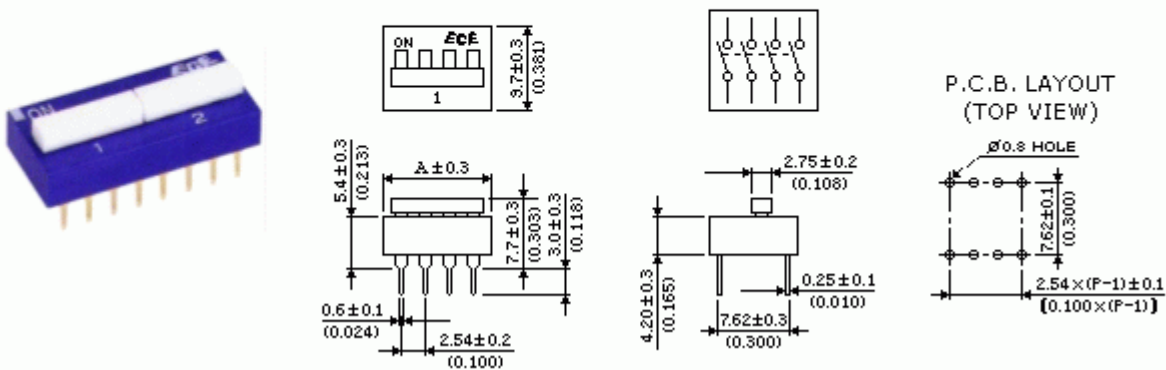
Unit:mm(inch)



DIMENSION A EDG/EDS 4PST

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

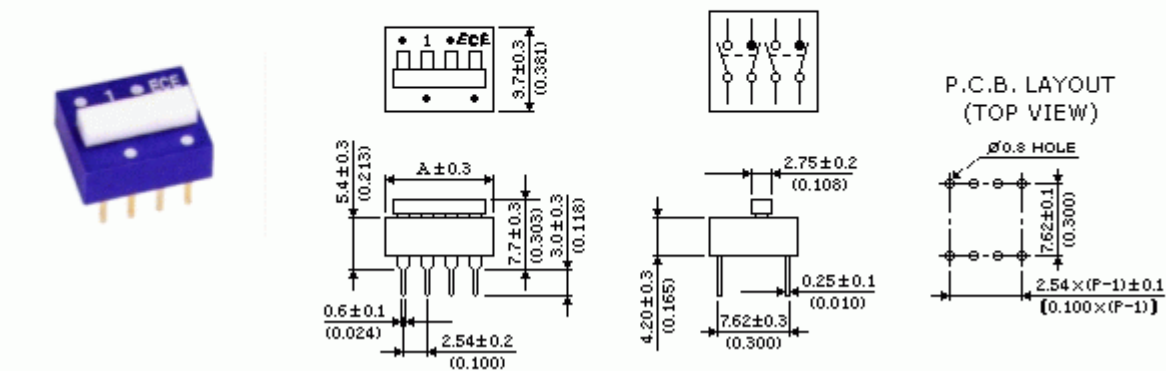
Unit:mm(inch)



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

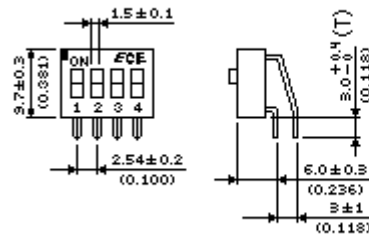
RIGHT ANGLE TYPE

DIMENSIONS AND CIRCUITRY

DIMENSIONS A IS SAME AS ABOVE

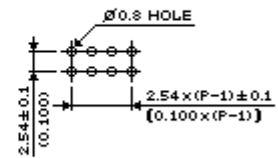


Right angle type



Unit:mm(inch)

P.C.B LAYOUT

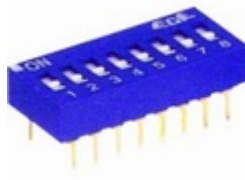


** The "T" of the 1 position switch is 3.0 ± 0.2

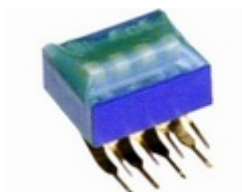
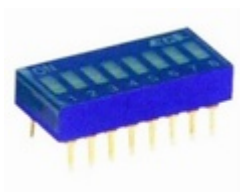
PART NUMBERING SYSTEM

EDG	X	XX	X	XX	X	X	
							+--- Blank:Standard
							Z:Lead-Free(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