

EDG/EDS SERIES

SLIDE TYPE (SLIDE WITH RIGHT ANGLE TYPE)

PATENT NO.:29197
24553

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

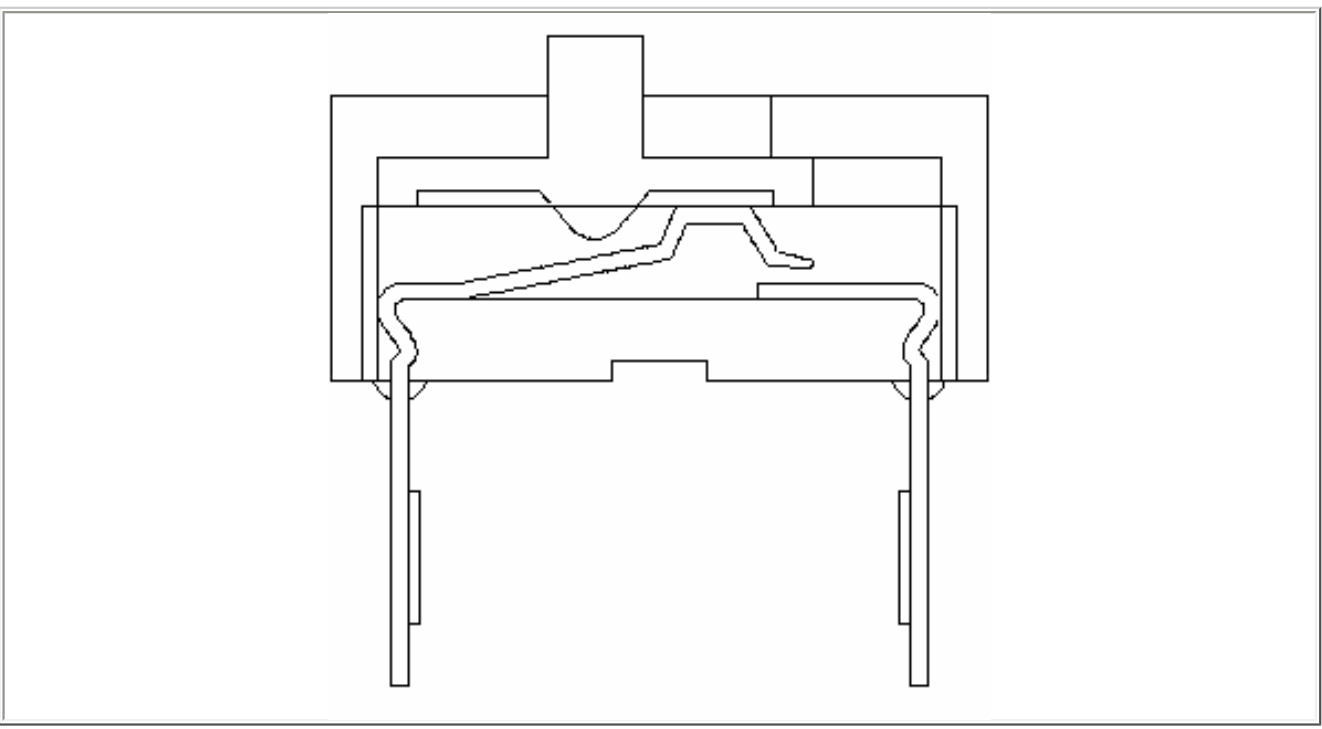
2. MECHANICAL

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 \pm 5°C for 5 \pm 0.5 seconds, 95% coverage
Resistance to soldering heat	260 \pm 5°C for 5 \pm 1 seconds

PART NUMBERING SYSTEM

EDG 1 08 S	EDG 1 08 S RA
+--- 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 Plated Contacts	+--- Right Angle +--- 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 4.3PST 5.4PST +--- Series Name: EDG:Gold Plated Contacts/EDS:Silver Plated Contacts

CONSTRUCTION



DIMENSIONS AND CIRCUITRY (UNIT: mm)

SPST

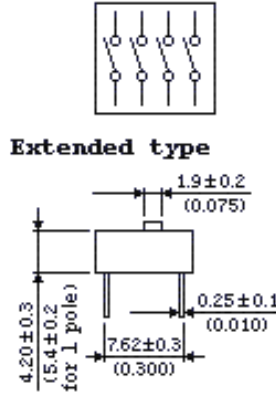
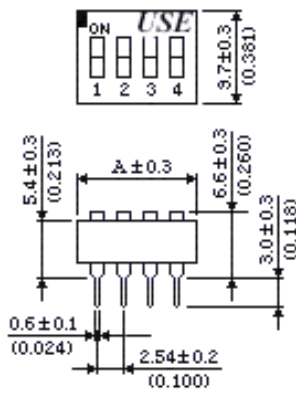
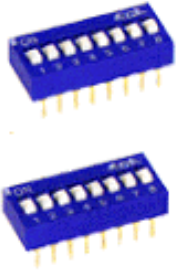
DIMENSION A

SPST

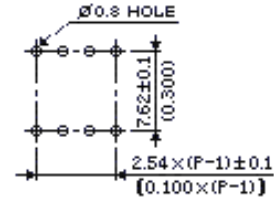
Positions	1	2	3	4	5	6	7	8	9	10	12	15
A	3.9 * (0.154)	6.7 (0.264)	9.2 (0.362)	11.7 (0.461)	14.2 (0.559)	16.7 (0.657)	19.2 (0.756)	21.7 (0.854)	24.2 (0.953)	26.7 (1.051)	31.8 (1.252)	39.5 (1.555)

Unit:mm(inch)

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



P.C.B LAYOUT (TOP VIEW)



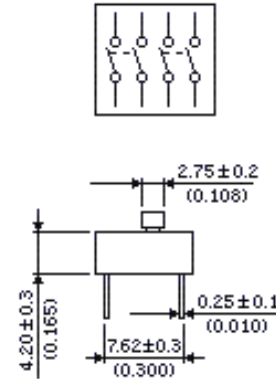
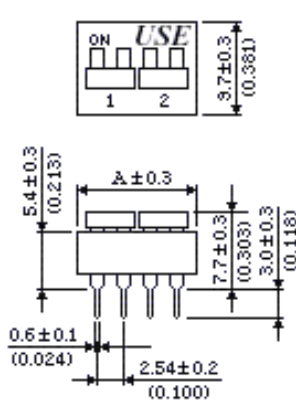
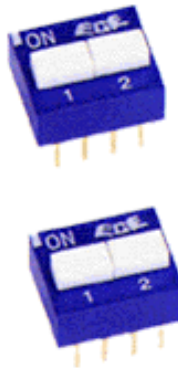
DPST

DIMENSION A

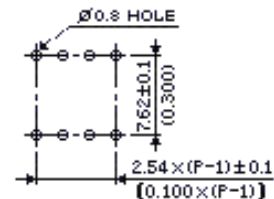
DPST

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)



P.C.B LAYOUT (TOP VIEW)



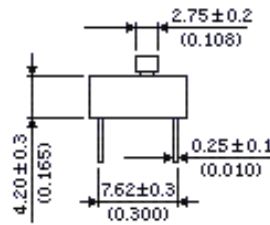
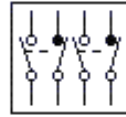
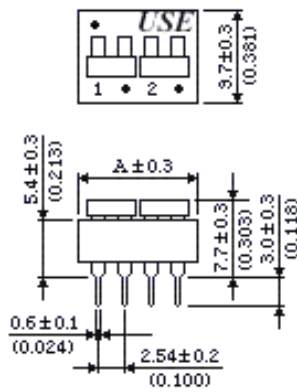
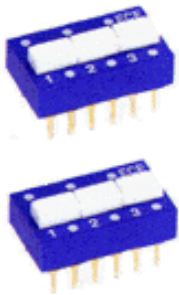
SPDT

DIMENSION A

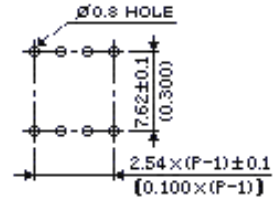
SPDT

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)



P.C.B LAYOUT (TOP VIEW)



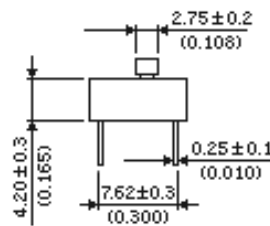
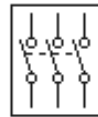
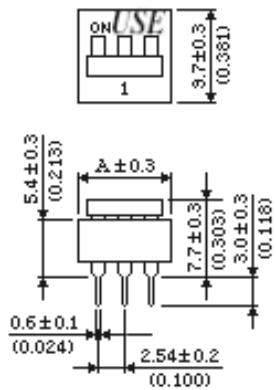
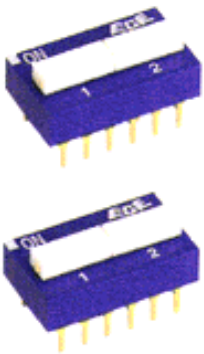
3PST

DIMENSION A

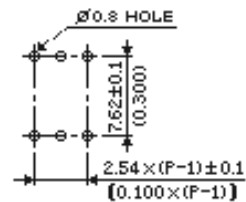
3PST

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)



P.C.B LAYOUT (TOP VIEW)



4PST.DPDT

DIMENSION A 4PST.DPDT

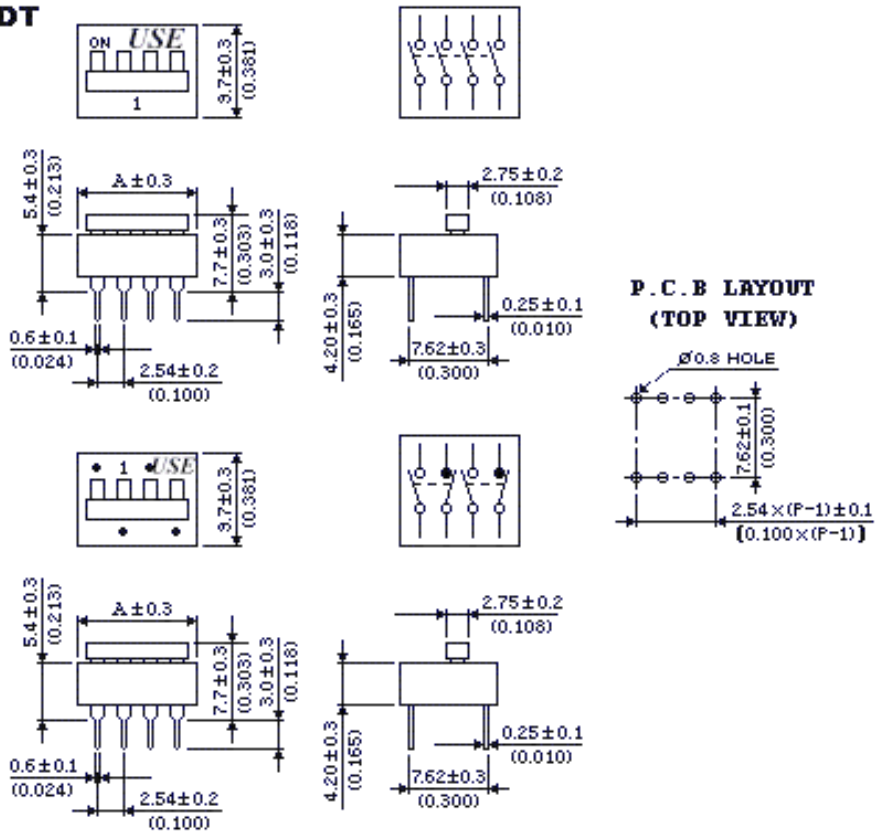
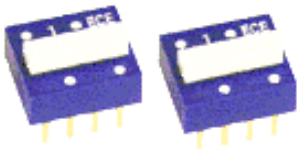
Positions	1	2	3
A	11.7 (0.461)	21.7 (0.854)	31.8 (1.25)

Unit:mm(inch)

4PST

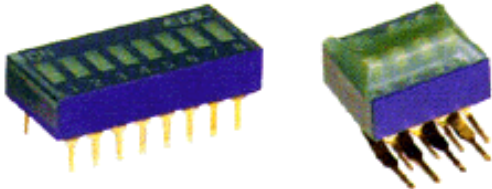


DPDT

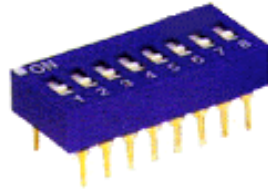


OPTIONS

4.Low profile actuators plus top tape sealed

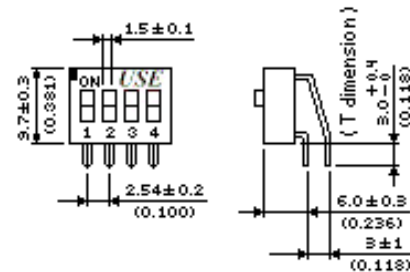


3.Low profile actuators



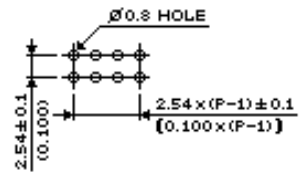
2.Slide with Right Angle Type: EDG(S)xxxSRA Series

Right angle type

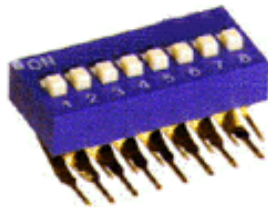


Unit:mm(inch)

P.C.B LAYOUT



1.Special top or side marking available



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