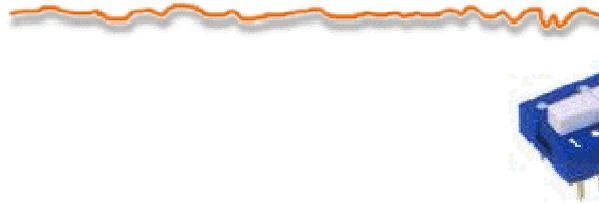


EDG/EDS SERIES

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.
- RoHS Compliant.

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.	

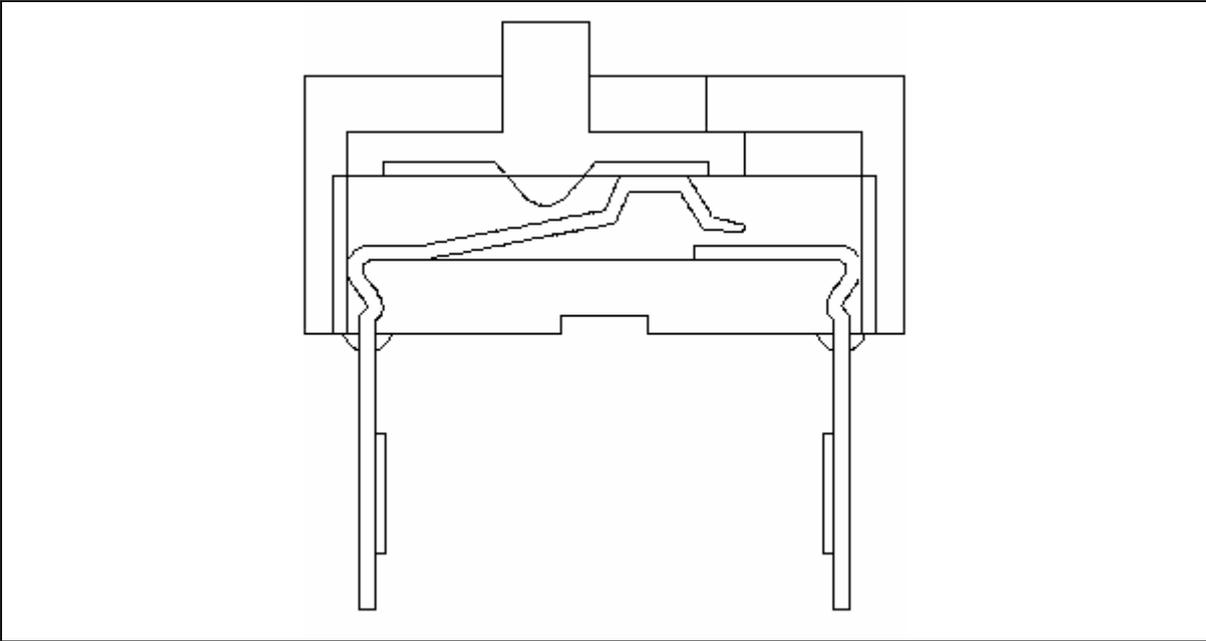
2 . MECHANICAL

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

<u>EDG</u>	<u>1</u>	<u>08</u>	<u>S</u>	<u>XX</u>	<u>X</u>	
						+--- Z:RoHS Compliant
						(For EDS series only)
						Blank:RoHS Compliant
						(For EDG 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:
						EDG:Gold Plated Contacts
						EDS:Silver or Tin Plated Contacts

CONSTRUCTION



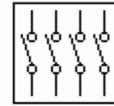
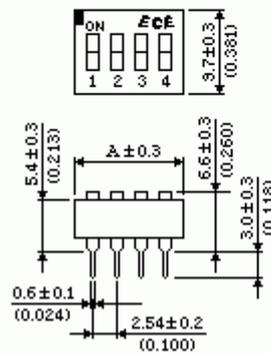
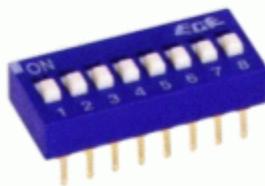
DIMENSIONS AND CIRCUITRY

DIMENSION A

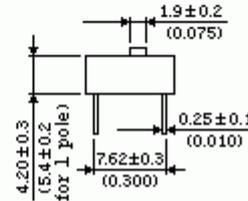
EDG/EDS SPST

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)

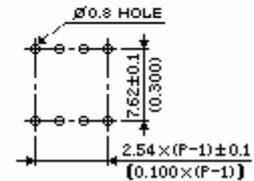
Unit:mm(inch) * The dimensions of the 1 pole switch may vary slightly.



Extended type



P.C.B. LAYOUT
(TOP VIEW)

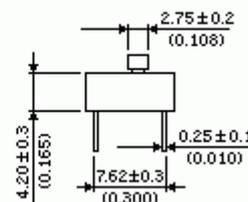
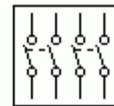
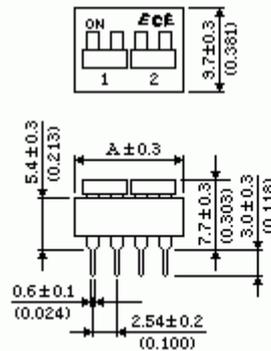
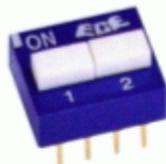


DIMENSION A

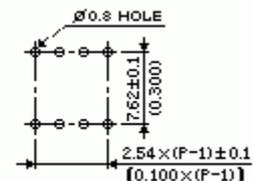
EDG/EDS DPST

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)

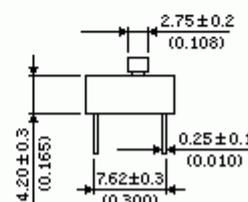
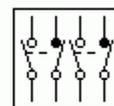
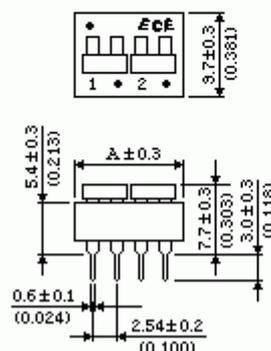
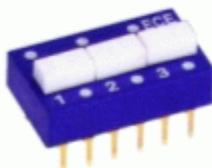


DIMENSION A

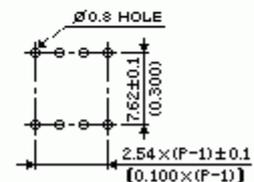
EDG/EDS SPDT

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)



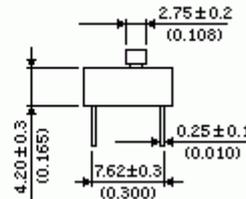
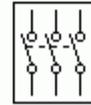
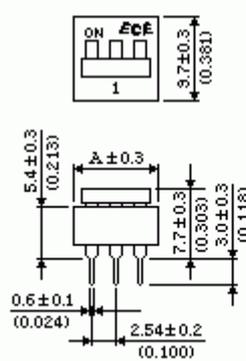
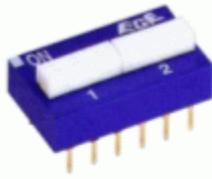
P.C.B. LAYOUT
(TOP VIEW)



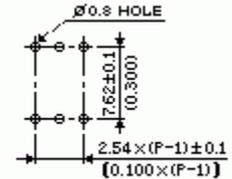
DIMENSION A EDG/EDS 3PST

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)



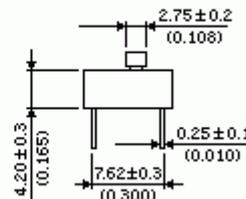
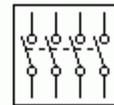
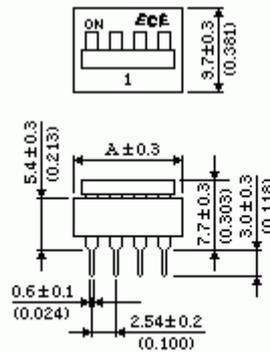
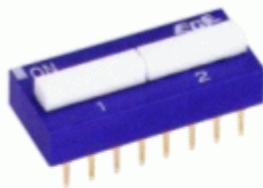
P.C.B. LAYOUT (TOP VIEW)



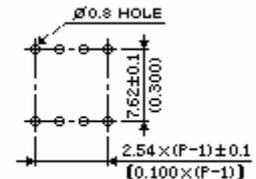
DIMENSION A EDG/EDS 4PST

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

Unit:mm(inch)



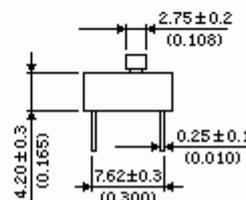
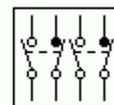
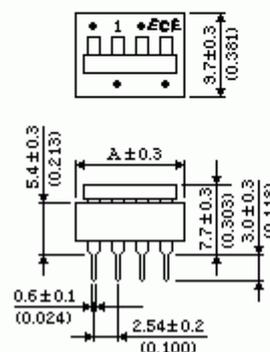
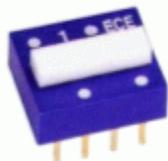
P.C.B. LAYOUT (TOP VIEW)



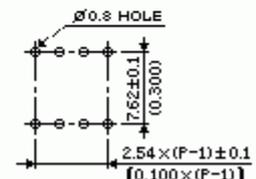
DIMENSION A EDG/EDS DPDT

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)

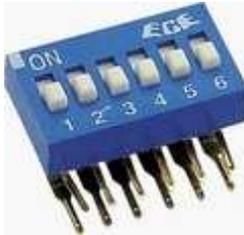


OPTIONS

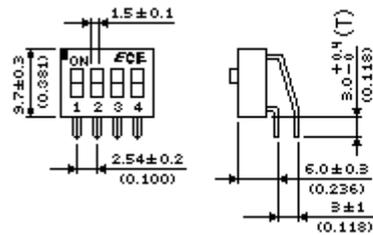
● RIGHT ANGLE TYPE

DIMENSIONS AND CIRCUITRY

DIMENSIONS A IS SAME AS ABOVE

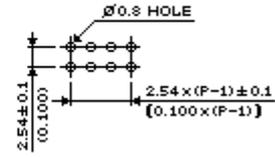


Right angle type



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	RA	X	XX	X
							+--- Z:RoHS Compliant (For EDS series only)
							Blank:RoHS Compliant (For EDG series only)
						+---	Special product number
					+---		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