

# EPH/EPG/EPS SERIES

EDGE ACTUATED TYPE



## FEATURES

- Edge actuated type (Piano Type) easy setting on closely racked PCB.
- Tactile response is performed directly by larger contact pressure to ensure stable contact.
- All plastics are UL 94V-0 grade fire retardant.
- Bottom epoxy sealed 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 operation life.
- Ideal for data processing, communications, remote controls and burglar alarm system use, where manual programming required.

## APPLICATIONS

- Numerical setting for computer terminal equipment
- Price setting for vending machines
- Programming for game machines
- Programming for industrial equipment and measuring instruments

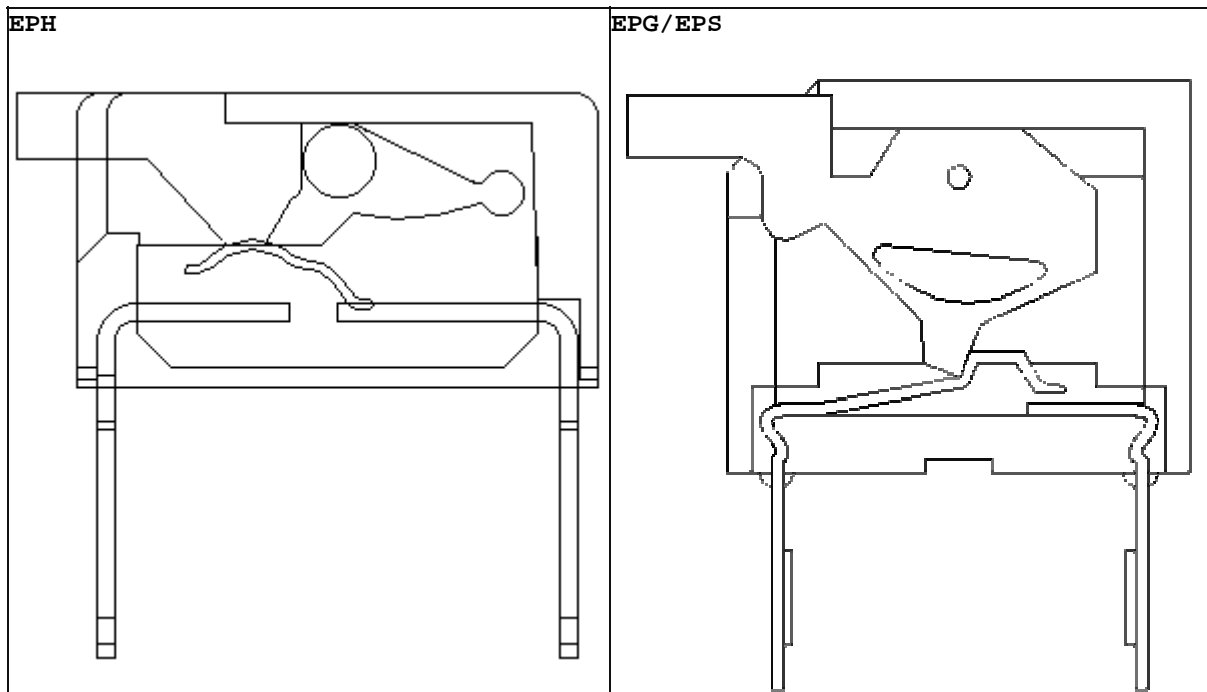
## SPECIFICATIONS

### 1. ELECTRICAL

Contact rating	
switching	25mA, 24VDC
non-switching	100mA
Contact resistance (after life test)	100m $\Omega$ Max.
Insulation resistance	1000M $\Omega$ Min. at 100VDC
Dielectric strength	500VDC Min. for 60 seconds
Leakage Current	2mA Max.
Capacitance between adjacent switches	5pF Max.



## CONSTRUCTION

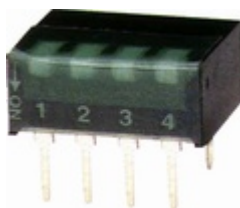


## OPTIONS

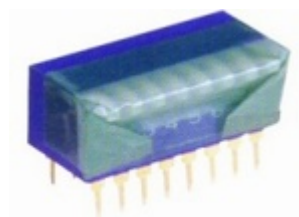
1. Special top or side marking available
2. Blue or black body color
3. Normal "ON" (top side "ON") available



EPHxxxLT



EPGxxxxT



# DIMENSIONS AND CIRCUITRY

**DIMENSION A** **EPH**

Positions	2	4	6	8	10
A	6.5 (0.256)	11.6 (0.457)	16.7 (0.657)	21.7 (0.854)	26.7 (1.051)

Unit:mm(inch)

Actuator top side "OFF"

(E) TYPE: 0.8±0.4 (0.031), 8.6±0.4 (0.339), 7.62±0.3 (0.3)

(L) TYPE: 8.6±0.4 (0.339), 7.62±0.3 (0.3)

**CIRCUIT DIAGRAM**

**P.C.B. LAYOUT (TOP VIEW)**

**DIMENSION A** **SPST**

Positions	2	3	4	5	6
A	6.7 (0.264)	9.2 (0.362)	11.7 (0.461)	14.2 (0.559)	16.7 (0.657)

Unit:mm(inch)

**EPG/EPS SPST**

**CIRCUIT DIAGRAM**

**P.C.B. LAYOUT (TOP VIEW)**

**DIMENSION A** **DPST,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)

**EPG/EPS SPDT**

**EPG/EPS DPST**

**CIRCUIT DIAGRAM**

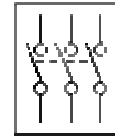
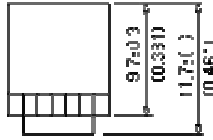
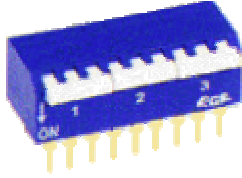
**P.C.B. LAYOUT (TOP VIEW)**

**DIMENSION A 3PST**

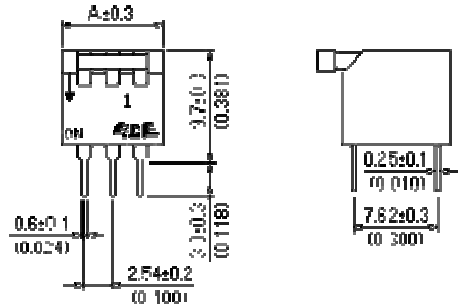
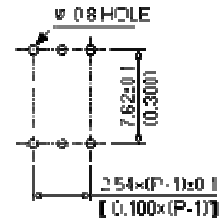
Positions	1	2	3	4
A	9.2 (0.362)	16.7 (0.657)	24.2 (0.953)	31.8 (1.25)

Unit:mm(inch)

**EPG/EPS 3PST**



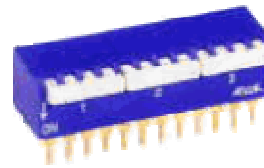
**P.C.B. LAYOUT (TOP VIEW)**



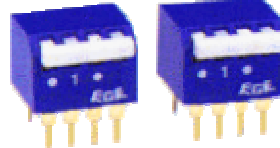
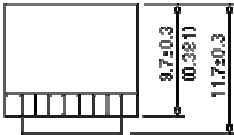
**DIMENSION A 4PST,DPDT**

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

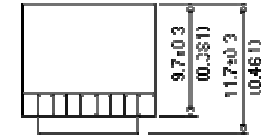
Unit:mm(inch)



**EPG/EPS DPDT**



**EPG/EPS 4PST**



**P.C.B. LAYOUT (TOP VIEW)**

