EPH/EPG/EPS SERIES
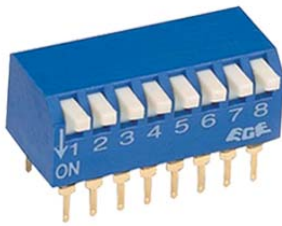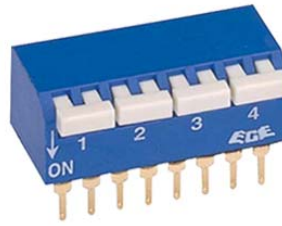# EDGE ACTUATED TYPE
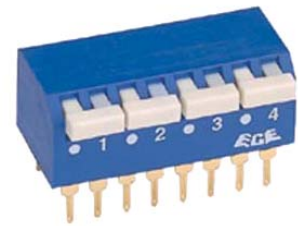

**EPH
Housing Height 5mm Only!!**
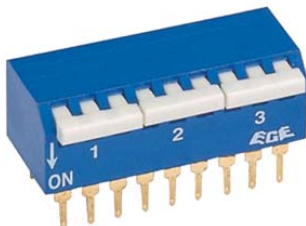

EPG/EPS SPST
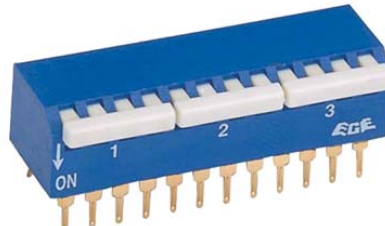

EPG/EPS DPST

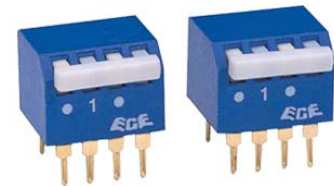
EPG/EPS SPDT

EPG/EPS 3PST

EPG/EPS 4PST

EPG/EPS DPDT

■ 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.
- RoHS Compliant.

■ APPLICATIONS

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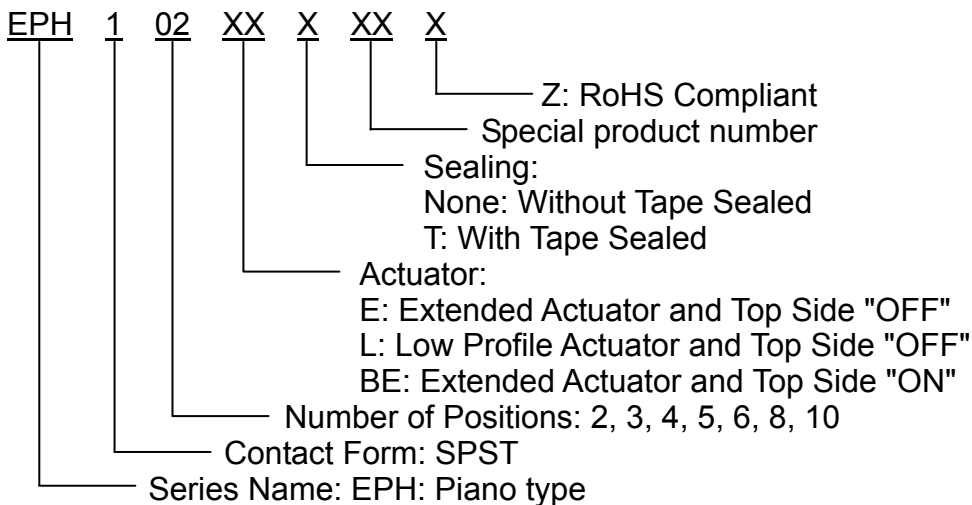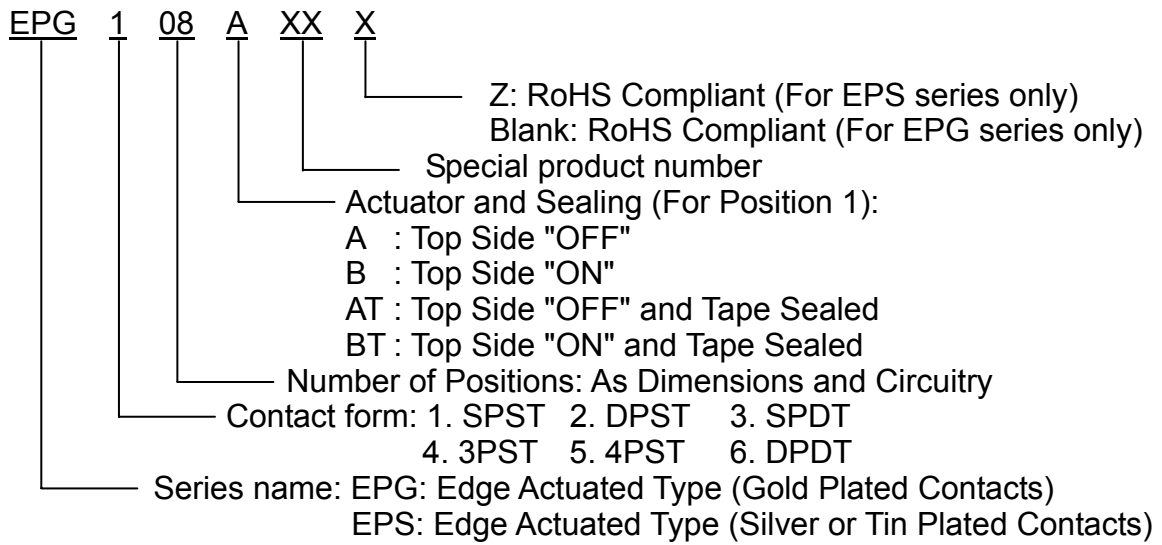- Programming for industrial equipment and measuring instruments

```
EPG   1   08   A   XX   X
```

───── Z: RoHS Compliant (For EPS series only)
          Blank: RoHS Compliant (For EPG series only)
───── Special product number
───── Actuator and Sealing (For Position 1):
          A   : Top Side "OFF"
          B   : Top Side "ON"
          AT : Top Side "OFF" and Tape Sealed
          BT : Top Side "ON" and Tape Sealed
───── Number of Positions: As Dimensions and Circuitry
───── Contact form: 1. SPST   2. DPST   3. SPDT
                    4. 3PST   5. 4PST   6. DPDT
───── Series name: EPG: Edge Actuated Type (Gold Plated Contacts)
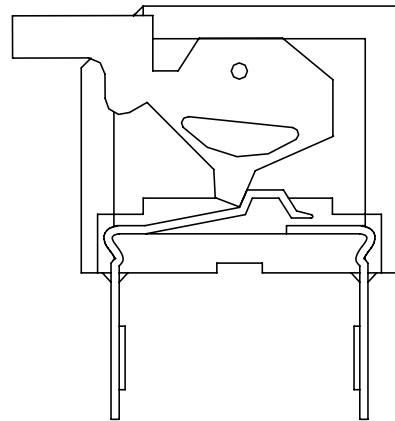   EPS: Edge Actuated Type (Silver or Tin Plated Contacts)
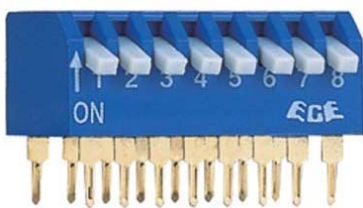
■ CONSTRUCTION

EPH

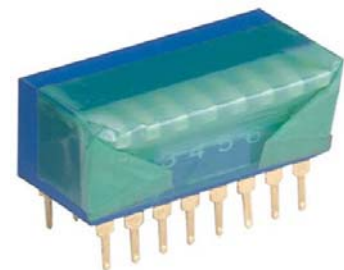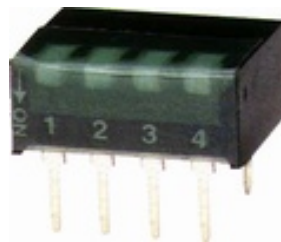
EPG/EPS

■ OPTIONS

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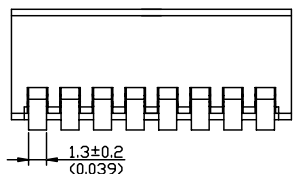3. Normal "ON" (top side "ON") available

EPHxxxLT   EPGxxxxT
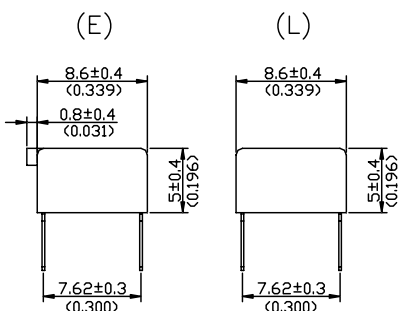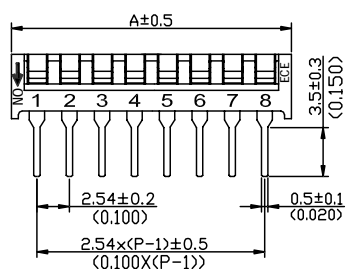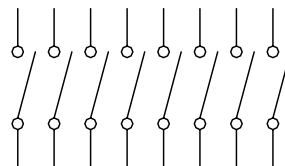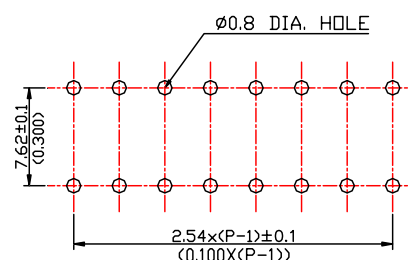
■ DIMENSIONS AND CIRCUITRY

EPH SERIES

1.3±0.2
(0.039)

Actuator top side "OFF"

A±0.5

3.5±0.3
(0.150)

ECE

NO 1 2 3 4 5 6 7 8

2.54±0.2
(0.100)

0.5±0.1
(0.020)

2.54×(P-1)±0.5
(0.100X(P-1))

(E)

8.6±0.4
(0.339)

0.8±0.4
(0.031)

5±0.4
(0.196)

7.62±0.3
(0.300)

(L)

8.6±0.4
(0.339)

5±0.4
(0.196)

7.62±0.3
(0.300)

CIRCUIT DIAGRAM

P.C.B. LAYOUT
(TOP VIEW)

Ø0.8 DIA. HOLE

7.62±0.1
(0.300)

2.54×(P-1)±0.1
(0.100X(P-1))

DIMENSION A

UNIT: mm(inch)

POLE	2	3	4	5	6	8	10
A	6.5 (0.265)	9.0 (0.354)	11.6 (0.457)	14.1 (0.555)	16.7 (0.657)	21.7 (0.854)	26.7 (1.050)

EPH SERIES B TYPE
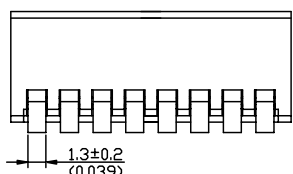
1.3±0.2
(0.039)

Actuator top side "ON"
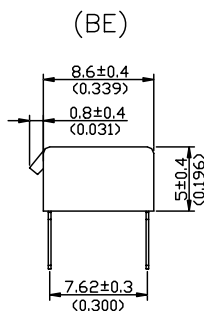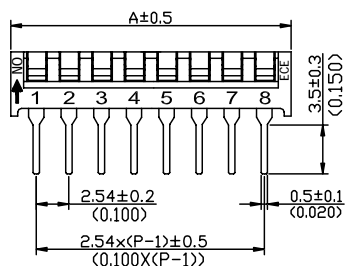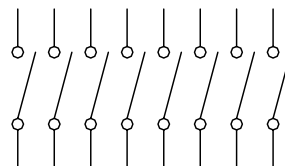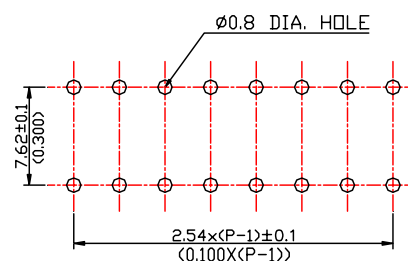
A±0.5

3.5±0.3
(0.150)

ECE

NO 1 2 3 4 5 6 7 8

2.54±0.2
(0.100)

0.5±0.1
(0.020)

2.54×(P-1)±0.5
(0.100X(P-1))

(BE)

8.6±0.4
(0.339)

0.8±0.4
(0.031)

5±0.4
(0.196)

7.62±0.3
(0.300)

CIRCUIT DIAGRAM

P.C.B. LAYOUT
(TOP VIEW)

Ø0.8 DIA. HOLE

7.62±0.1
(0.300)

2.54×(P-1)±0.1
(0.100X(P-1))

DIMENSION A

UNIT: mm(inch)

POLE	2	3	4	5	6	8	10
A	6.5 (0.265)	9.0 (0.354)	11.6 (0.457)	14.1 (0.555)	16.7 (0.657)	21.7 (0.854)	26.7 (1.050)

EPG/EPS SPST SERIES
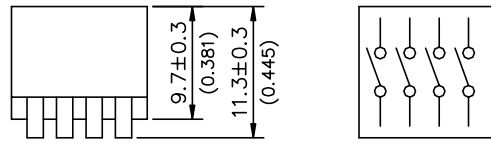
Dimension A					UNIT: mm(inch)
Positions	2	3	4	5	6
A	6.7 (0.264)	9.2 (0.362)	11.7 (0.461)	14.2 (0.559)	16.7 (0.657)
Positions	7	8	9	10	12
A	19.2 (0.756)	21.7 (0.854)	24.4 (0.953)	26.7 (1.05)	31.8 (1.25)
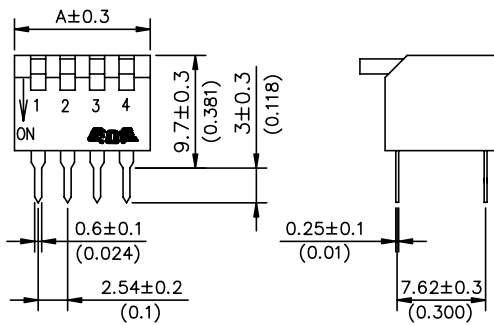
P.C.B. LAYOUT (TOP VIEW)
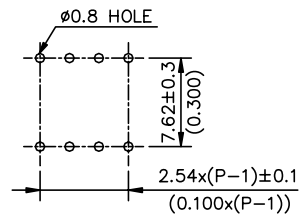
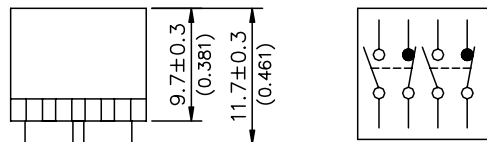## EPG/EPS DPST SERIES
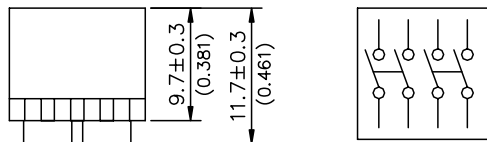
Dimension A			UNIT: mm(inch)
Positions	1	2	3
A	6.7 (0.264)	11.7 (0.461)	16.7 (0.657)
Positions	4	5	6
A	21.7 (0.854)	26.7 (1.05)	31.8 (1.25)
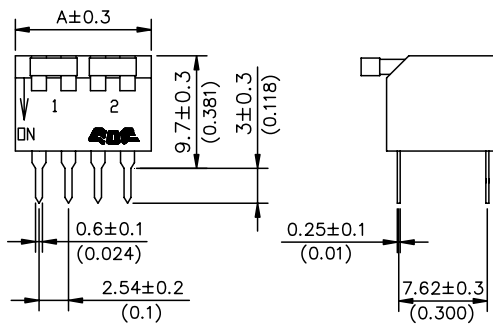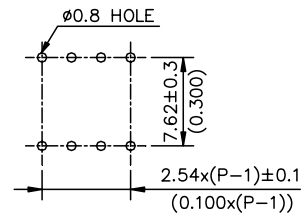
P.C.B. LAYOUT (TOP VIEW)

EPG/EPS SPDT SERIES

Dimension A			UNIT: mm(inch)
Positions	1	2	3
A	6.7 (0.264)	11.7 (0.461)	16.7 (0.657)
Positions	4	5	6
A	21.7 (0.854)	26.7 (1.05)	31.8 (1.25)
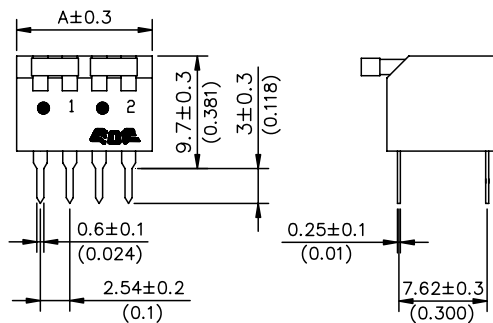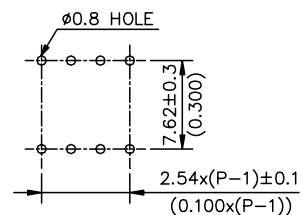
P.C.B. LAYOUT (TOP VIEW)

EPG/EPS 3PST SERIES
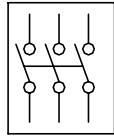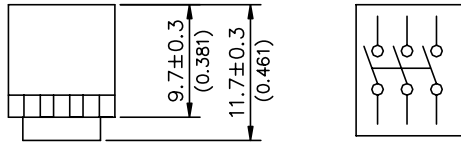
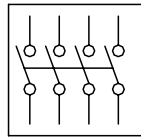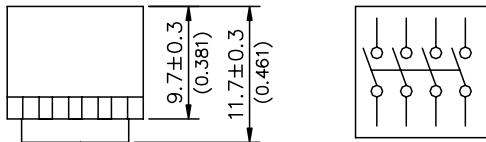| Dimension A			UNIT: mm(inch)	
Positions	1	2	3	4
A	9.2 (0.362)	16.7 (0.657)	24.2 (0.953)	31.8 (1.25)
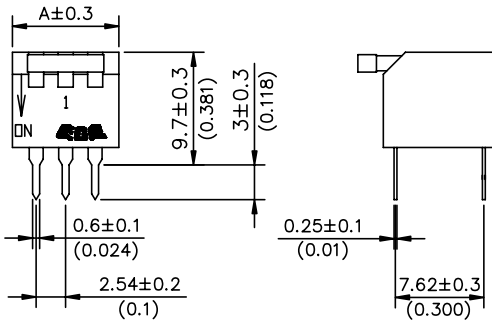
P.C.B. LAYOUT (TOP VIEW)
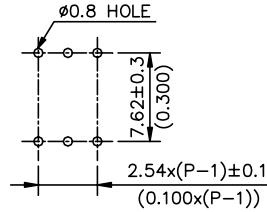
EPG/EPS 4PST SERIES

Dimension A			UNIT: mm(inch)
Positions	1	2	3
A	11.7 (0.461)	21.7 (0.854)	31.8 (1.25)
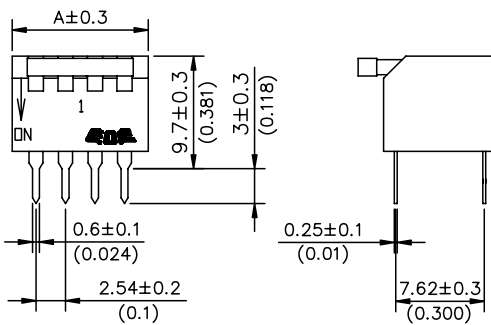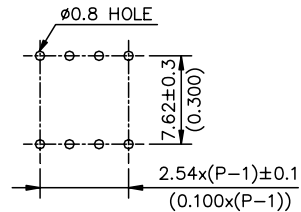
P.C.B. LAYOUT (TOP VIEW)

EPG/EPS DPDT SERIES

Dimension A			UNIT: mm(inch)
Positions	1	2	3
A	11.7 (0.461)	21.7 (0.854)	31.8 (1.25)

P.C.B. LAYOUT (TOP VIEW)