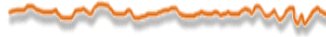


EPG SERIES

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 Ω Max.
Insulation resistance	1000M Ω Min. at 100VDC
Dielectric strength	500VDC Min. for 60 seconds
Leakage Current	2mA Max.
Capacitance between adjacent switches 5pF Max.	

2. MECHANICAL

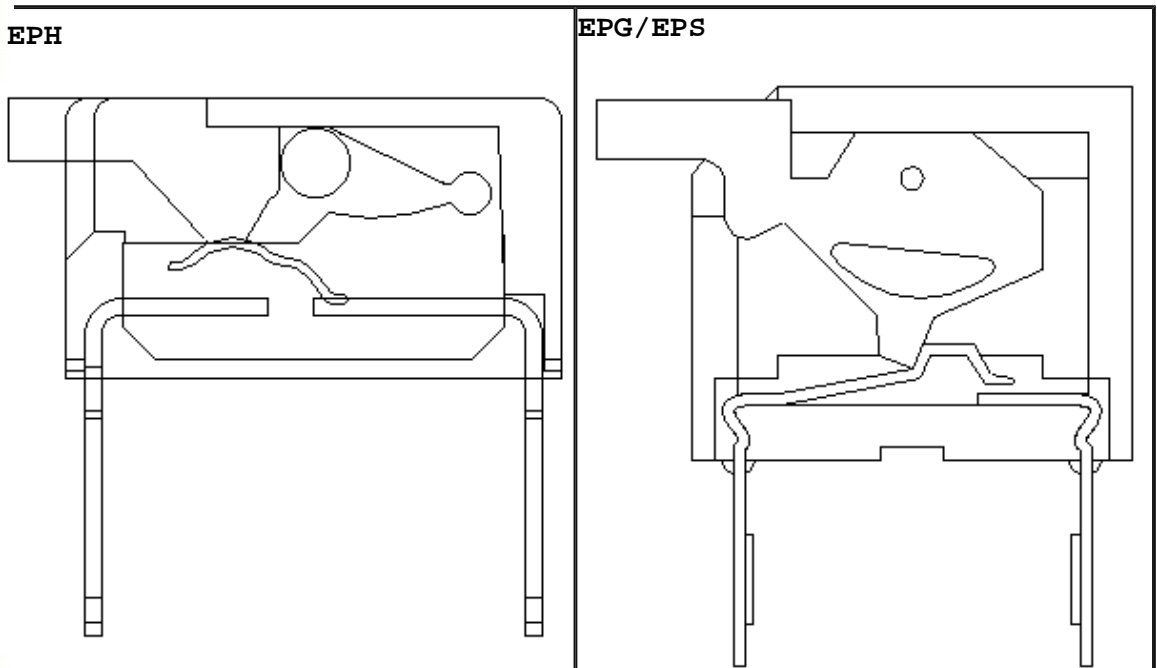
Temperature rating	
operating	-25°C to + 70°C
storage	-40°C to + 85°C
Operation force	800g Max.
Mechanical life	1000 operations
Humidity	95%RH, 40 for 96Hrs.
Vibration	10 to 55Hz for 6Hrs.
Solderability	After flux 230 \pm 5 for 5 \pm 0.5 seconds, 95% coverage
Soldering heat	After 260 \pm 5 for 5 \pm 1 sec. shall have no deterioration

PART NUMBERING SYSTEM

EPG 1 08 A X

- +--- Blank:Standard
Z:RoHS Compliant(For EPS series only)
- +--- Actuator 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 Forms:
 - 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

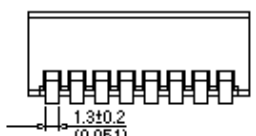


DIMENSIONS AND CIRCUITRY

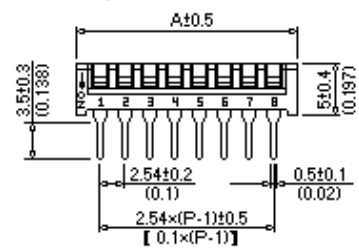
DIMENSION A **EPH**

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)

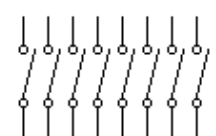
Unit:mm(inch)



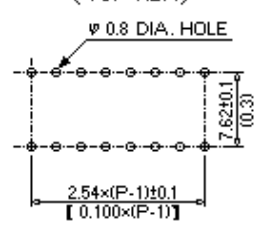
Actuator top side "OFF"



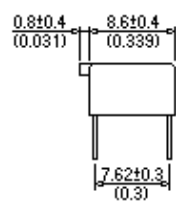
CIRCUIT DIAGRAM



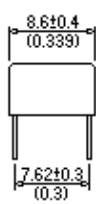
P.C.B. LAYOUT (TOP VIEW)



(E) TYPE



(L) TYPE



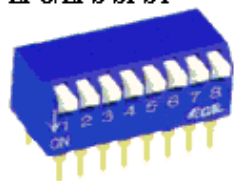
DIMENSION A **SPST**

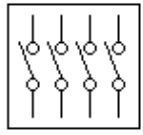
Positions	2	3	4	5	6
A	6.7 (0.264)	9.2 (0.362)	11.7 (0.461)	14.2 (0.559)	16.7 (0.657)

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)

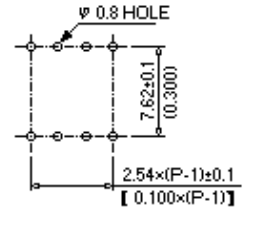
Unit:mm(inch)

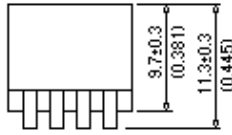
EPG/EPSP SPST

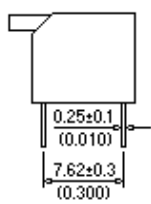


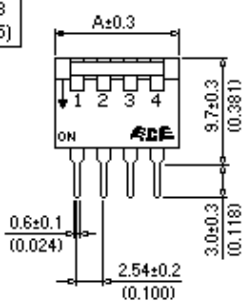


P.C.B. LAYOUT (TOP VIEW)





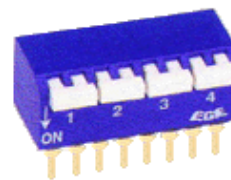




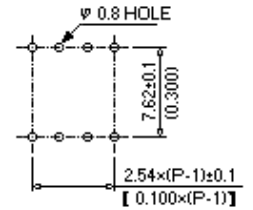
DIMENSION A DPST.SPDT

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)

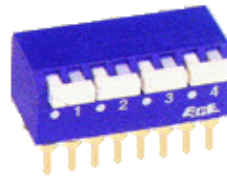
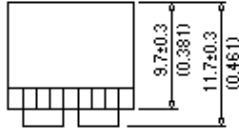
Unit:mm(inch)



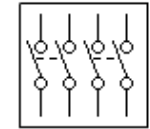
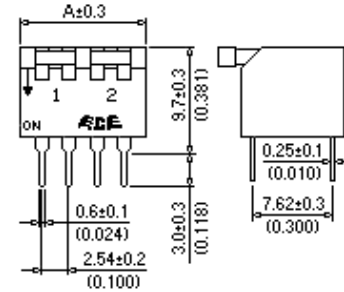
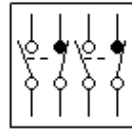
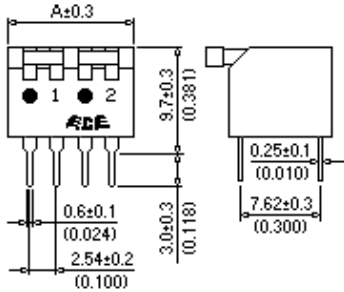
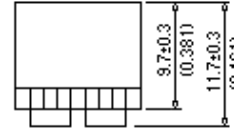
P.C.B. LAYOUT
(TOP VIEW)



EPG/EPS SPDT



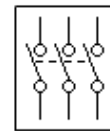
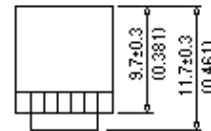
EPG/EPS DPST



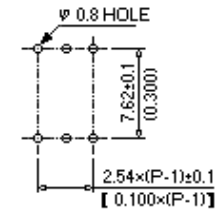
DIMENSION A 3PST

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

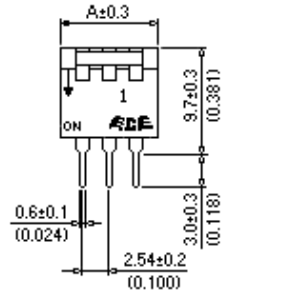
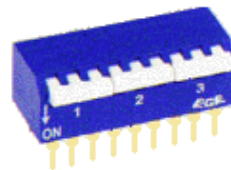
Unit:mm(inch)



P.C.B. LAYOUT
(TOP VIEW)



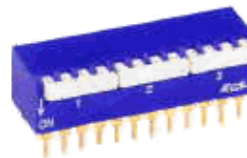
EPG/EPS 3PST



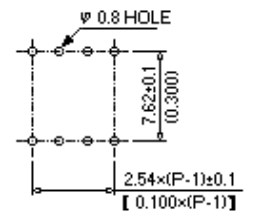
DIMENSION A 4PST.DPDT

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

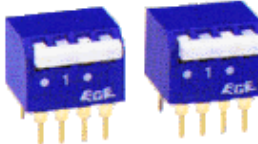
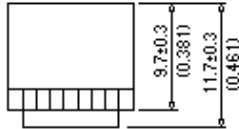
Unit:mm(inch)



P.C.B. LAYOUT
(TOP VIEW)



EPG/EPS DPDT



EPG/EPS 4PST

