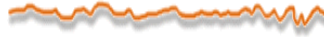


EPG SERIES

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

2. MECHANICAL

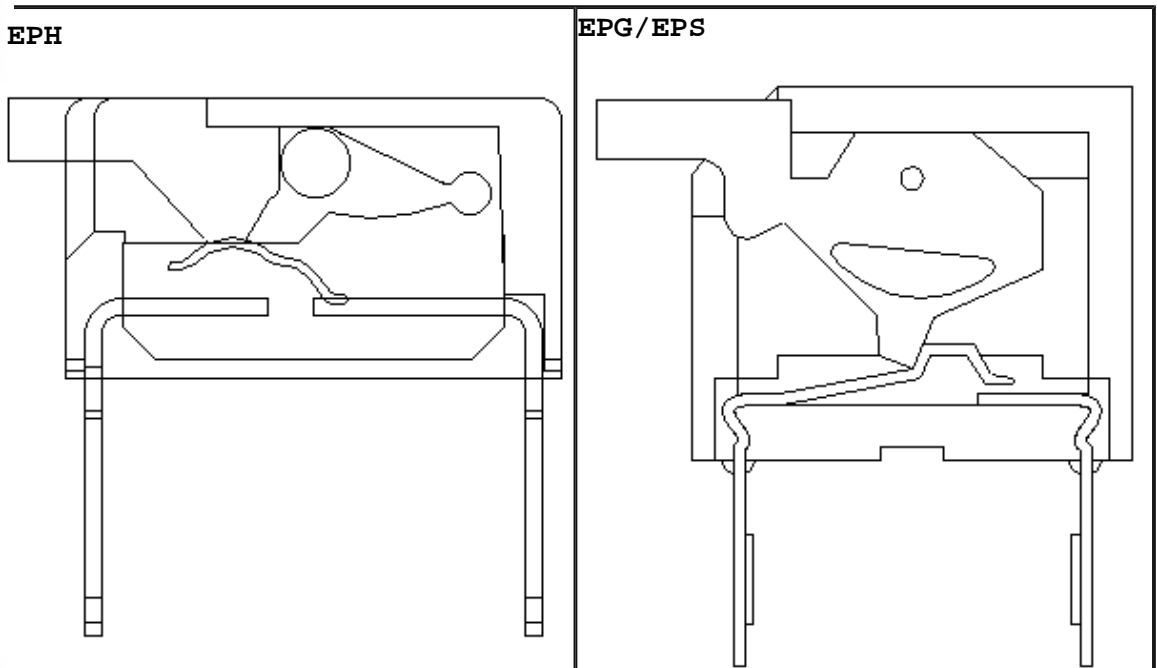
Temperature rating	
operating	-25°C to + 70°C
storage	-40°C to + 85°C
Operation force	800g Max.
Mechanical life	1000 operations
Humidity	95%RH, 40 for 96Hrs.
Vibration	10 to 55Hz for 6Hrs.
Solderability	After flux 230±5 for 5±0.5 seconds, 95% coverage
Soldering heat	After 260±5 for 5±1 sec. shall have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

PART NUMBERING SYSTEM

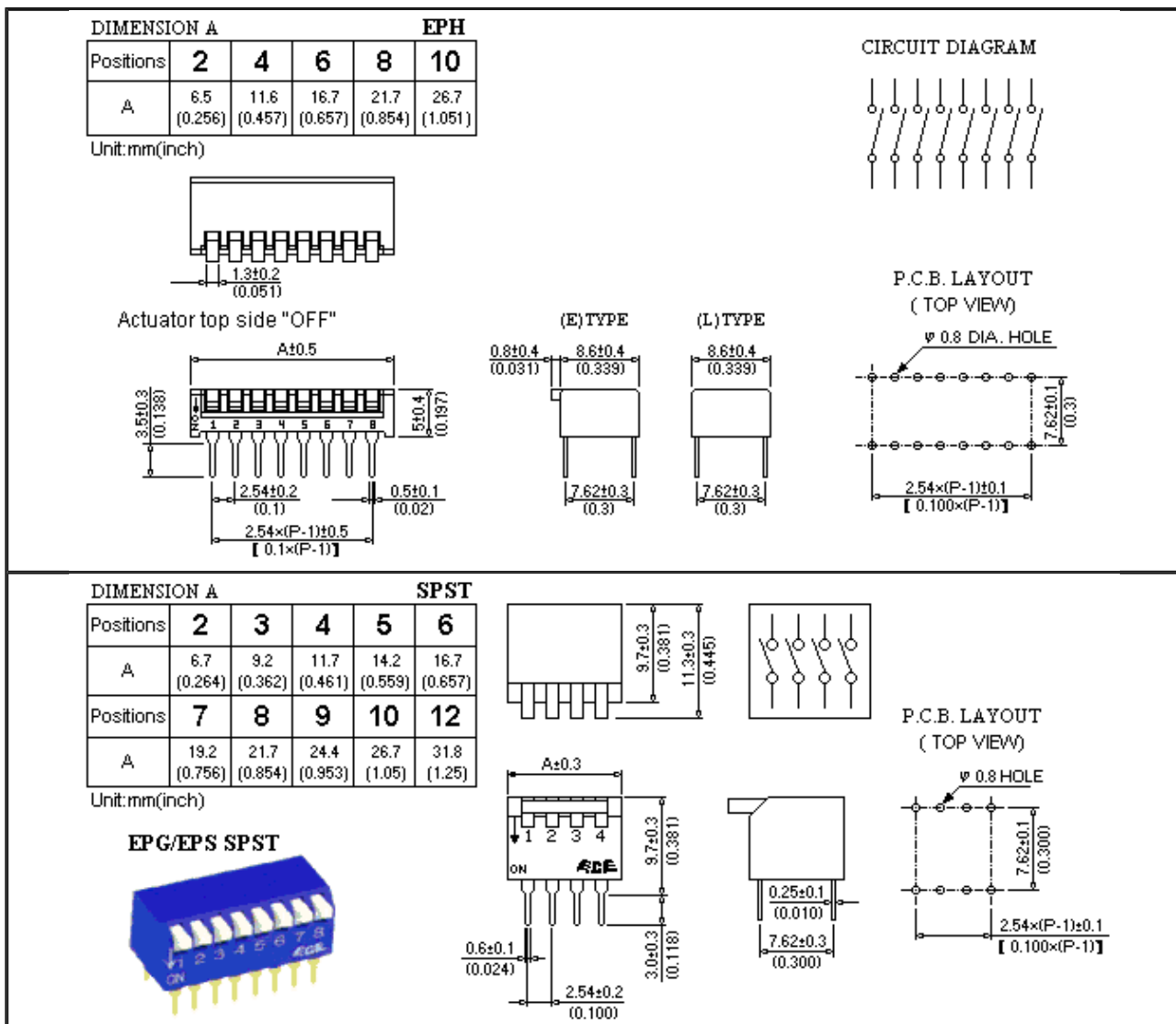
EPG 1 08 A X

- +--- 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



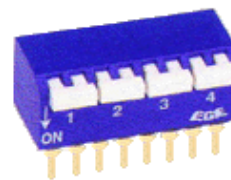
DIMENSIONS AND CIRCUITRY



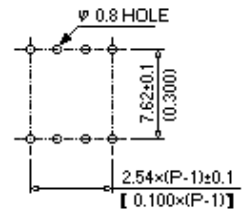
DIMENSION A DPST.SPDT

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)

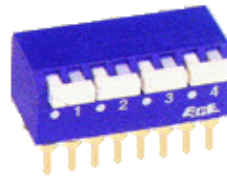
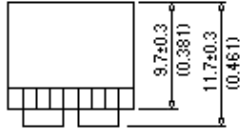
Unit:mm(inch)



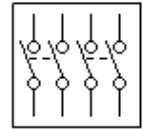
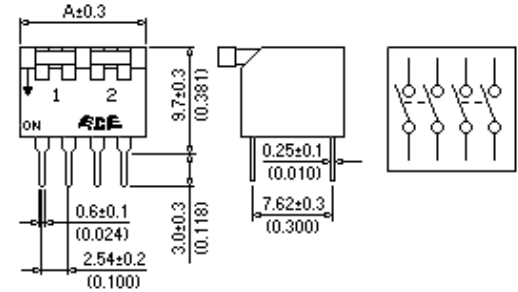
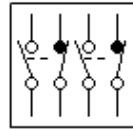
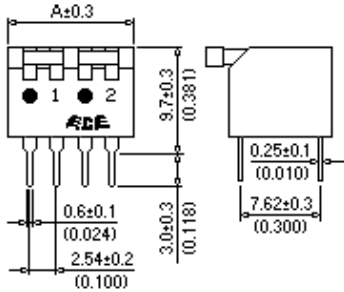
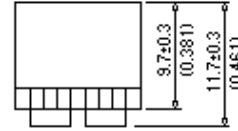
P.C.B. LAYOUT
(TOP VIEW)



EPG/EPS SPDT



EPG/EPS DPST

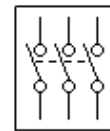
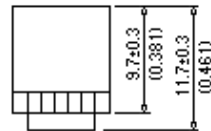
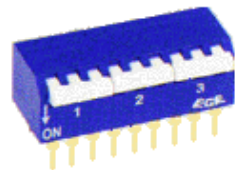


DIMENSION A 3PST

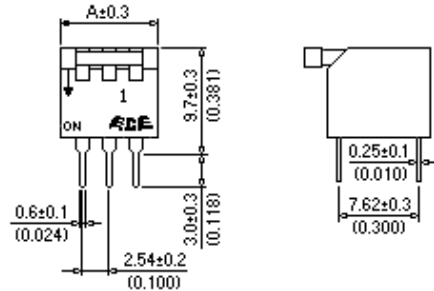
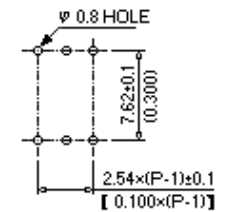
Positions	1	2	3	4
A	9.2 (0.362)	16.7 (0.657)	24.2 (0.953)	31.8 (1.25)

Unit:mm(inch)

EPG/EPS 3PST



P.C.B. LAYOUT
(TOP VIEW)

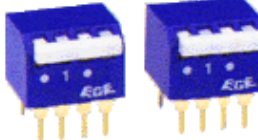
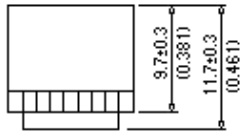


DIMENSION A 4PST.DPDT

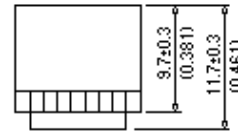
Positions	1	2	3
A	11.7 (0.461)	21.7 (0.854)	31.8 (1.25)

Unit:mm(inch)

EPG/EPS DPDT



EPG/EPS 4PST



P.C.B. LAYOUT
(TOP VIEW)

