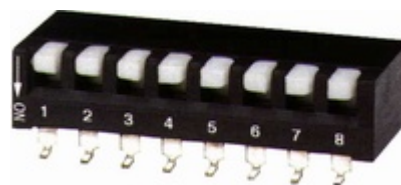


**EPA SERIES  
EDGE ACTUATED SMT TYPE**



## ■ FEATURES

- SMT edge actuated type is (SMT Piano Type) easy setting on closely racked PCB
- Tactile response is performed directly by larger contact pressure to ensure stable contact
- All UL 94V-0 fire retardant plastics used
- Bottom epoxy sealed to ensures free of flux immersion during wave soldering
- Contact wiping on make and break
- Gold plated contacts to ensure low contact resistance and long mechanical life
- Ideal for data processing, communication, remote controls and burglar alarm system use, where manual programming is 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

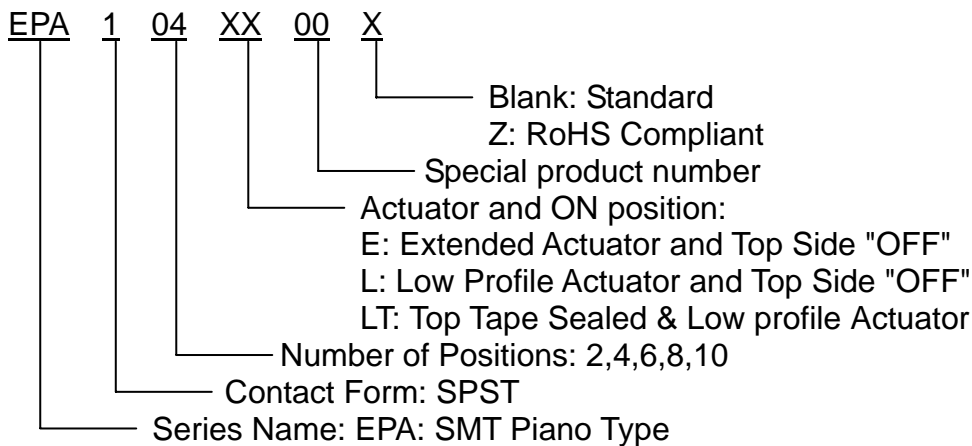
### 1.ELECTRICAL

● 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 and ENVIRONMENTAL

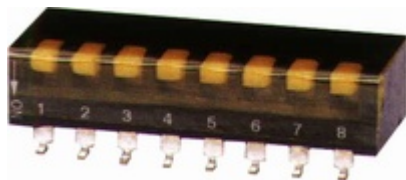
● Temperature rating	
operating	-25°C to +70°C
storage	-40°C to +85°C
● Operation force	800g Max.
● Mechanical life	1000 operations
● Humidity	95% RH, 40°C for 96Hrs.
● Vibration	10 to 55Hz for 6Hrs.
● Solderability	After flux 230±5°C for 5±0.5 seconds, 95% coverage
● Reflow soldering heat for SMT type (reference)	210°C for 20 seconds or less, peak temperature 230°C or less

### ■ PART NUMBERING SYSTEM

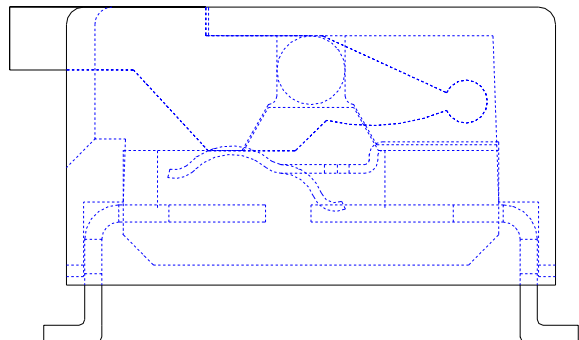


### ■ OPTIONS

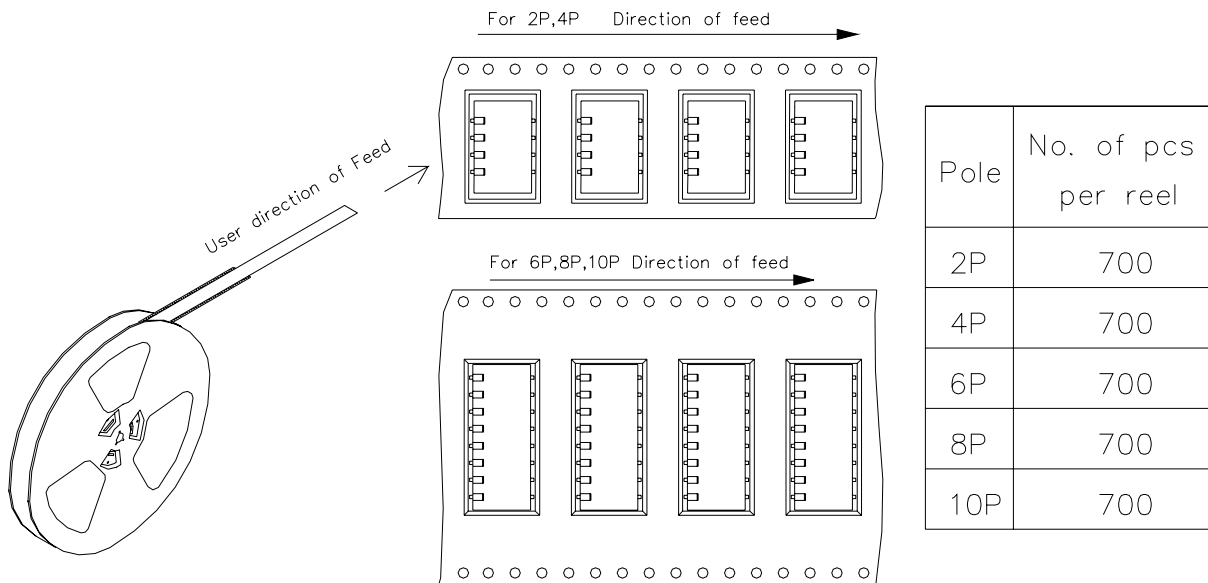
1.Top tape sealed



### ■ CONSTRUCTION



2. Tape & Reel Packaging(per EIA STANDARD)



**DIMENSIONS AND CIRCUITRY**

**EPA SERIES DIMMENSIONS** Unit:mm(inch)

Actuator top side "OFF"

**DIMENSION A**

Pole	2	4	6	8	10
A	6.5 (0.265)	11.6 (0.457)	16.7 (0.657)	21.7 (0.854)	26.7 (1.050)

**CIRCUIT DIAGRAM**

**P.C.B. LAY OUT (TOP VIEW)**