

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

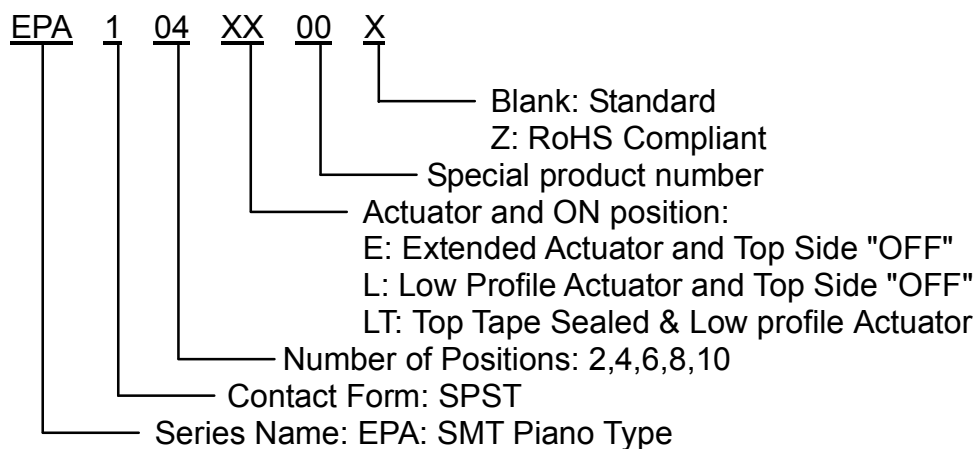
● Contact rating	switching	25mA, 24VDC
	non-switching	100mA
● Contact resistance (After life test)	100m Ω Max.	
● Insulation resistance	1000m Ω Min. at 100VDC	
● Dielectric strength	500VDC Min. for 60 seconds	
● Leakage Current	2mA Max.	
● Capacitance between adjacent switches	5pF Max.	

2.MECHANICAL 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 $230 \pm 5^{\circ}\text{C}$ for 5 ± 0.5 seconds, 95% coverage
● Reflow soldering heat for SMT type (reference)	

■ PART NUMBERING SYSTEM

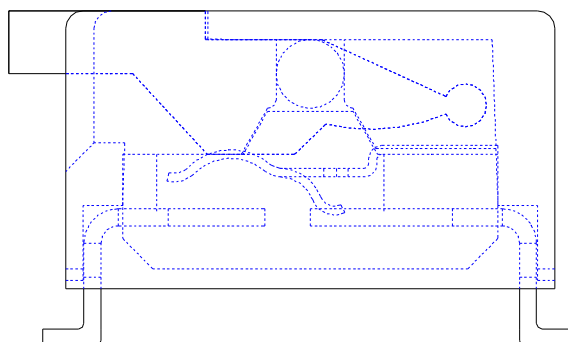


■ OPTIONS

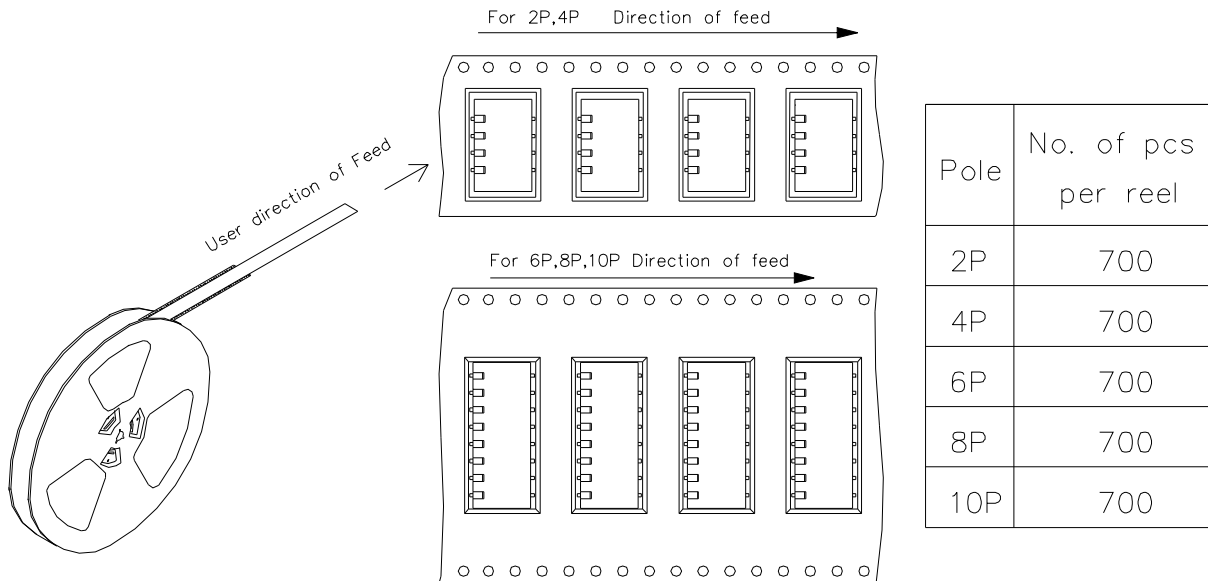
1. Top tape sealed



■ CONSTRUCTION



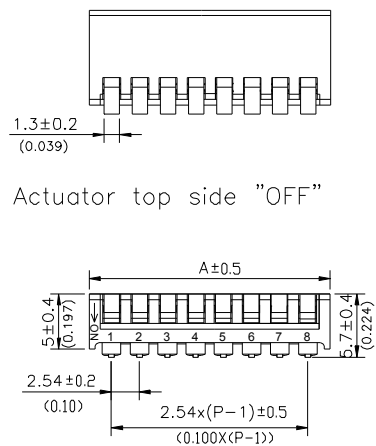
2. Tape & Reel Packaging(per EIA STANDARD)



DIMENSIONS AND CIRCUITRY

EPA SERIES DIMMENSIONS

Unit:mm(inch)



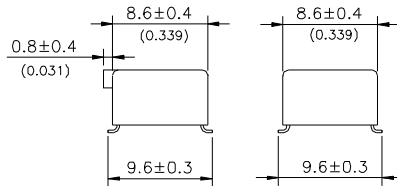
Actuator top side "OFF"

DIMENSION A

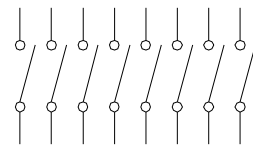
Pole	2	4	6	8	10
A	6.5 (0.265)	11.6 (0.457)	16.7 (0.657)	21.7 (0.854)	26.7 (1.050)

(E)

(L)



CIRCUIT DIAGRAM



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

