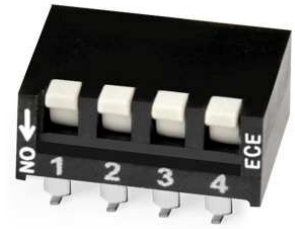




**EPA SERIES
EDGE ACTUATED SMT TYPE**



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.
- Contact wiping on make and break.
- Gold plated contacts to ensure low contact resistance and long mechanical life.
- Twin contacts designed to ensure stable contact.
- Smaller size makes better heat convection during PC board reflow soldering.
- 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

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.	

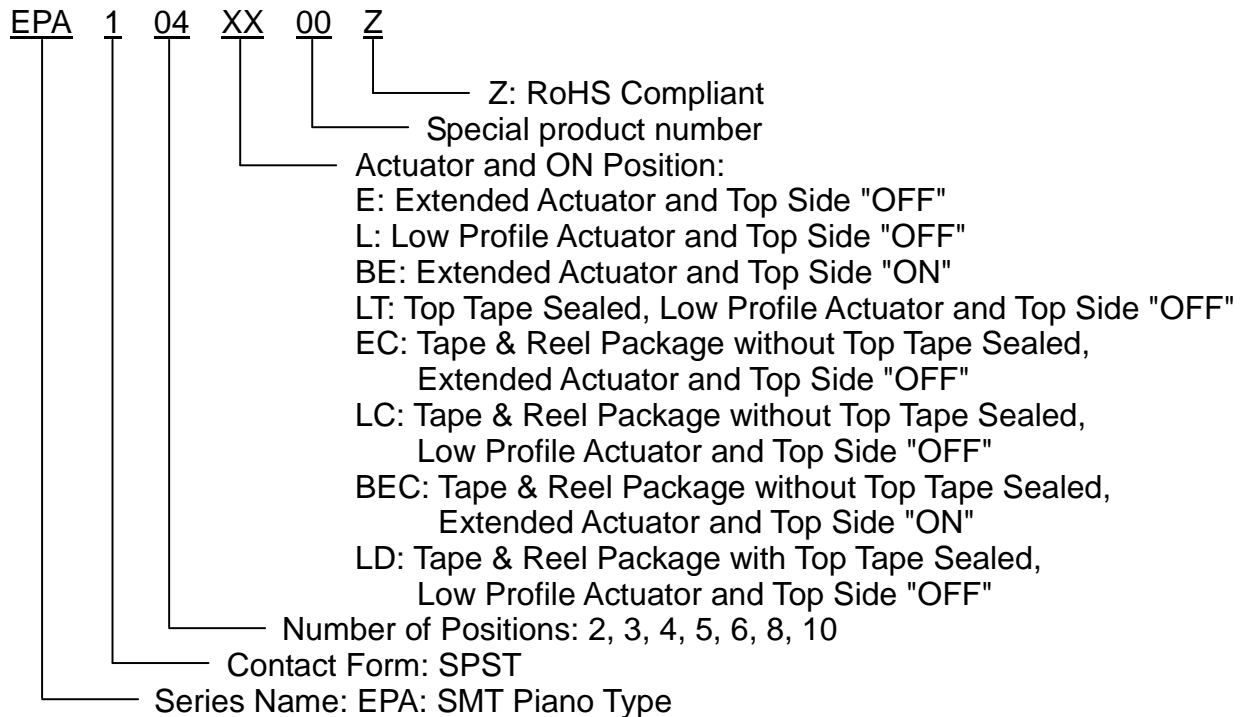
2.MECHANICAL and ENVIRONMENTAL

● Temperature rating	operating	-40°C to +85°C
	storage	-40°C to +85°C
● Operation force	800g Max.	
● Mechanical life	1000 operations	
● Humidity	95% RH, 40°C for 96Hrs.	
● Vibration	10HZ-55HZ-10HZ for 6Hrs.	
● Solderability	After flux 245±5°C for 5±1 seconds	



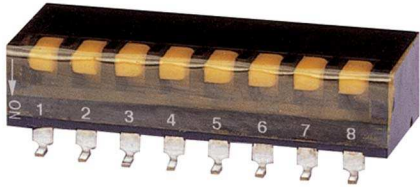
● Resistance to soldering heat	Solder reflow: peak temperature 260°C Max.
● Reflow soldering process for SMT type	Reference IEC 61760
● WARNING: Please keep contacts in OFF position during reflow soldering.	

■ PART NUMBERING SYSTEM

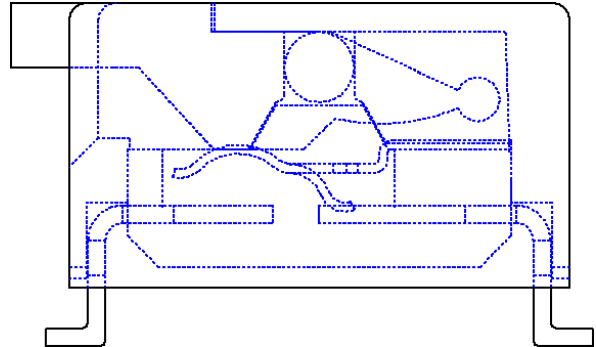


■ OPTIONS

1. Top tape sealed



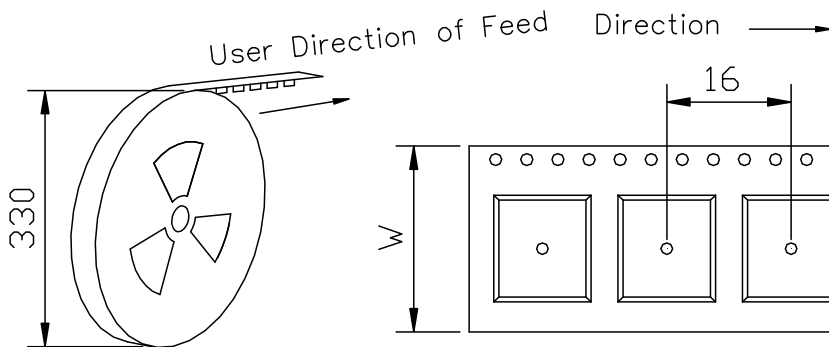
■ CONSTRUCTION



■ PACKAGING

1. Tape & Reel Packaging(per EIA STANDARD)

Tape & Reel Packaging

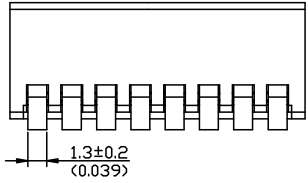


Pole	2	3	4	5	6	8	10
W(mm)	16	16	24	24	32	32	44

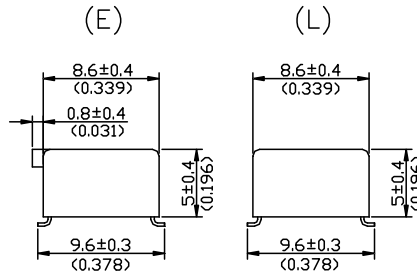
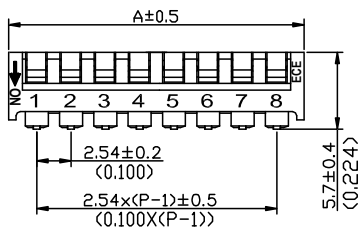
Pole	No. of pcs per reel
2P	550
3P	550
4P	550
5P	550
6P	550
8P	550
10P	550

■ DIMENSIONS AND CIRCUITRY

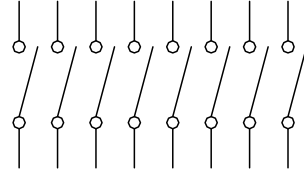
EPA SERIES



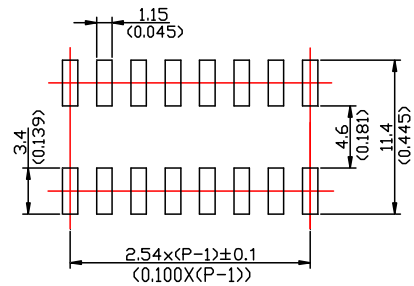
Actuator top side "OFF"



CIRCUIT DIAGRAM



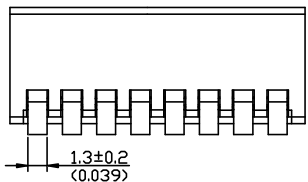
P.C.B. LAYOUT (TOP VIEW)



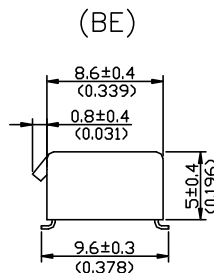
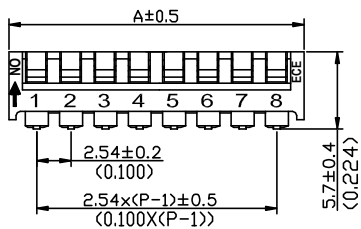
DIMENSION A UNIT: mm(inch)

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)

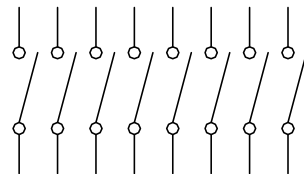
EPA SERIES B TYPE



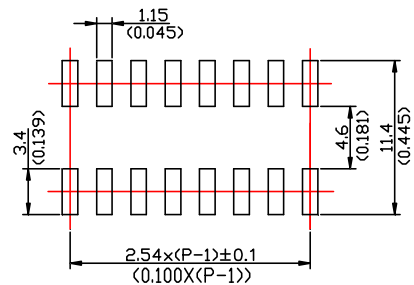
Actuator top side "ON"



CIRCUIT DIAGRAM



P.C.B. LAYOUT (TOP VIEW)



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)