

EHP SERIES

HALF PITCH PIANO TYPE SMT DIP SWITCH



FEATURES

- Standard 0.05” integrated circuit pitch.
- Smaller size makes better heat convection during PC board Reflow soldering.
- Edge actuated type is (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 contact to ensure low contact resistance and long mechanical life.
- RoHS Compliant

APPLICATIONS

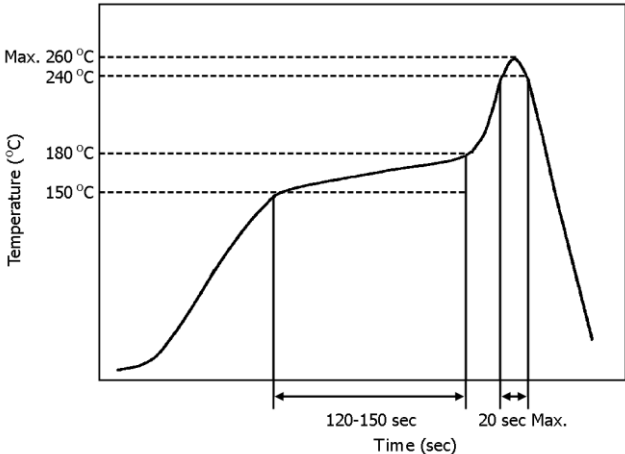
- Numerical setting for computer terminal equipment
- Price setting for vending machines
- Programming for game machines
- Programming for industrial equipment and measuring instruments

SPECIFICATIONS

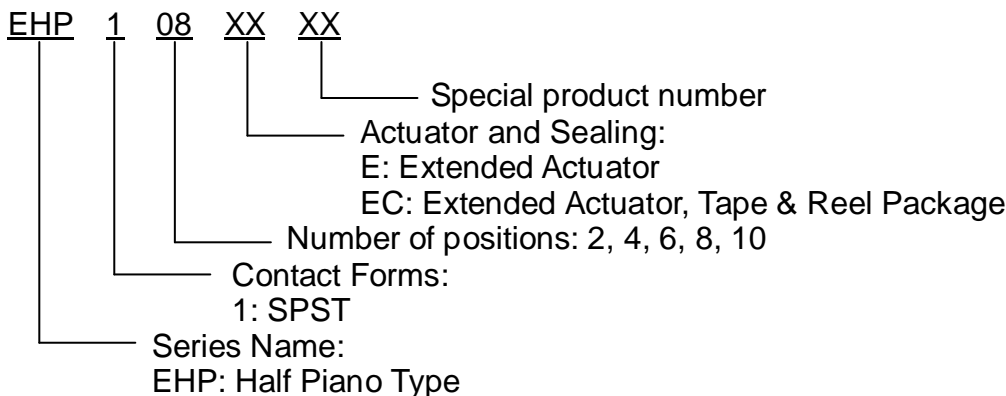
1.ELECTRICAL

● Contact rating		
switching		25mA, 24VDC
non-switching		100mA
● Contact resistance	initial	100mΩ Max.
	after life test	200mΩ Max.
● Insulation resistance		100MΩ Min. at 100VDC
● Dielectric strength		300VAC Min. for 60 seconds
● Capacitance between adjacent switches 5pF Max.		

2.MECHANICAL and ENVIRONMENTAL

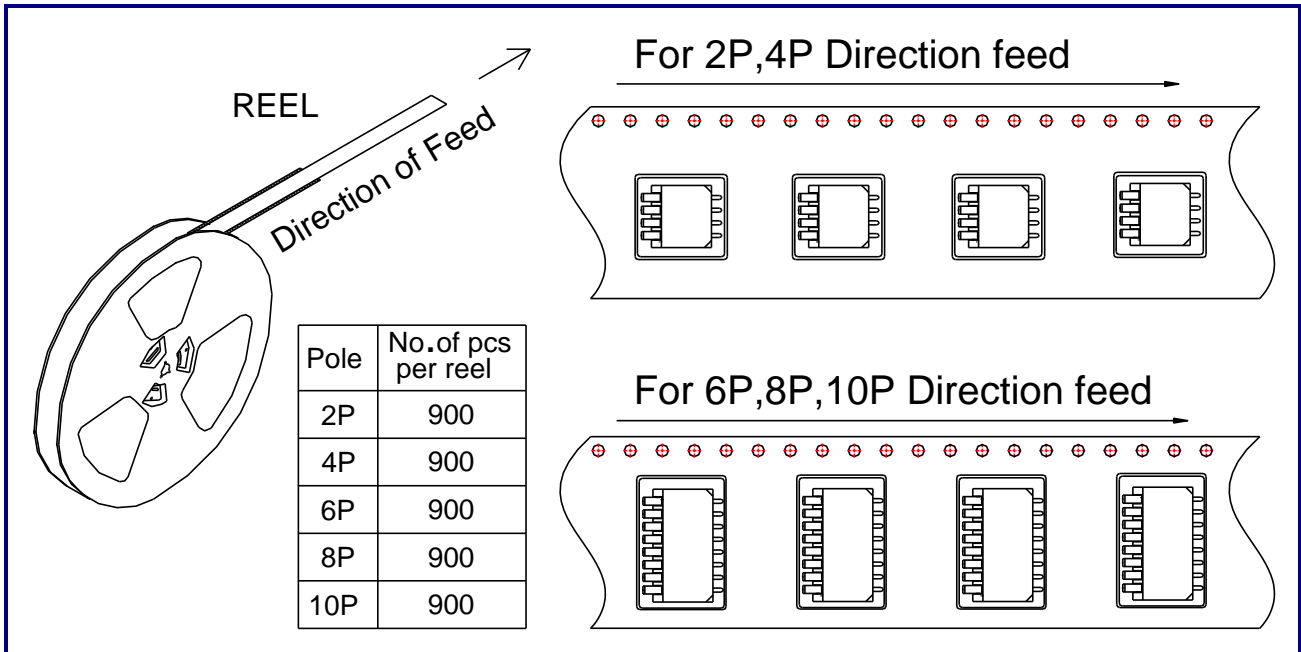
● Temperature rating	
operation	-25℃ to +70℃
storage	-40℃ to +85℃
● Operation force	800g Max.
● Mechanical Life	1000 operations
● Humidity	95% RH, 40℃ for 96Hrs.
● Vibration	10Hz-55Hz-10Hz for 6Hrs.
● Reflow soldering heart for SMT type (reference only)	240℃ , 20 seconds or less, peak temperature 260℃ or less <div style="text-align: right;">  <p>The graph shows a temperature profile for reflow soldering. The y-axis is Temperature (°C) with markers at 150, 180, 240, and 260. The x-axis is Time (sec) with markers for 120-150 sec and 20 sec Max. The curve starts at 150°C, rises to 180°C, stays at 180°C for 120-150 seconds, then rises to a peak of 260°C and stays there for 20 seconds before cooling down.</p> </div>
WARNING: Please keep contacts in OFF position during reflow soldering.	

■ PART NUMBERING SYSTEM



■ PACKAGING

1. Tape & Reel Packaging (Per EIA STANDARD)



■ DIMENSIONS AND CIRCUITRY

