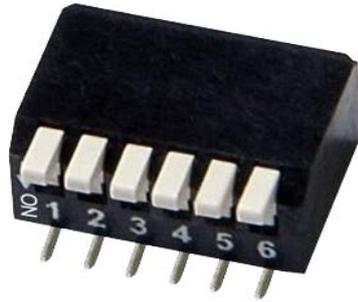


THP SERIES HALF PITCH PIANO TYPE SMT DIP SWITCH



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. | | |



m

Detect

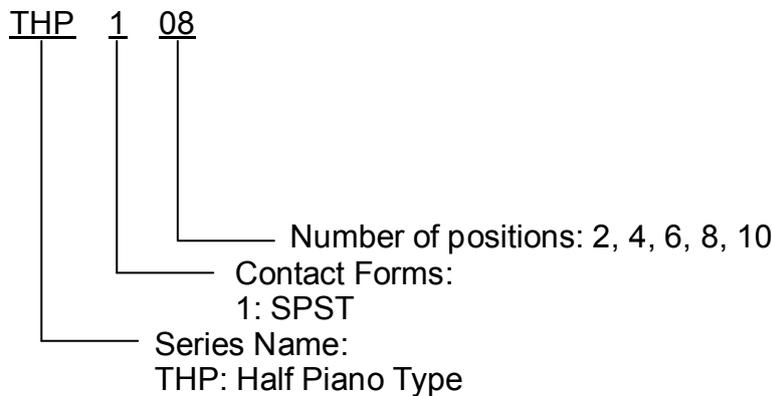
THP SERIES HALF PITCH PIANO TYPE SMT DIP SWITCH

2.MECHANICAL and ENVIRONMENTAL

| | |
|--|---|
| ● Temperature rating | |
| operation | -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 | 10Hz-55Hz-10Hz for 6Hrs. |
| ● Reflow soldering heart for SMT type (reference only) | 240°C, 20 seconds or less, peak temperature 260°C or less |

WARNING: Please keep contacts in OFF position during reflow soldering.

■ PART NUMBERING SYSTEM



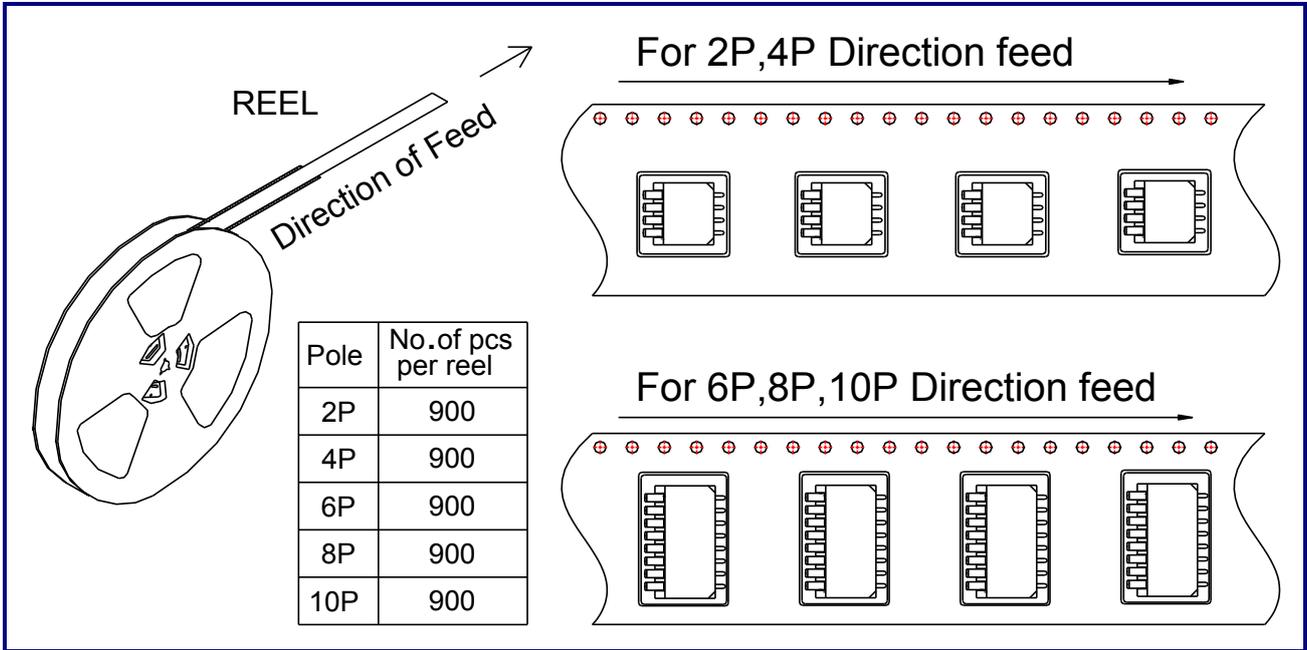
E

Detect

THP SERIES HALF PITCH PIANO TYPE SMT DIP SWITCH

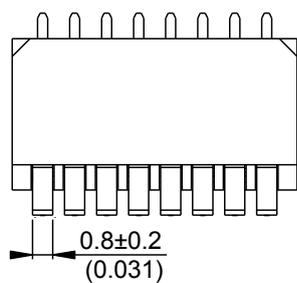
PACKAGING

1. Tape & Reel Packaging (Per EIA STANDARD)

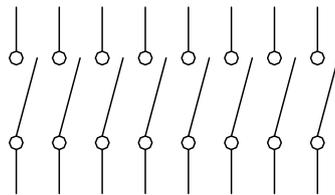


DIMENSIONS AND CIRCUITRY

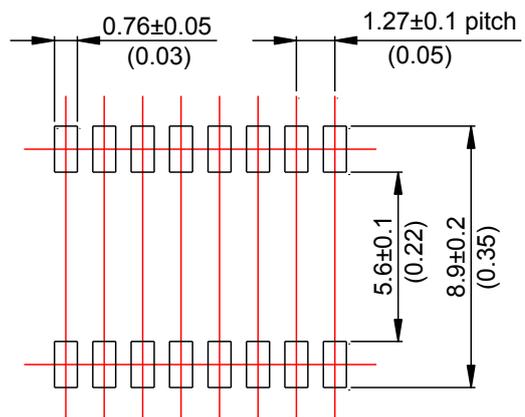
THP SERIES UNIT:mm(inch)



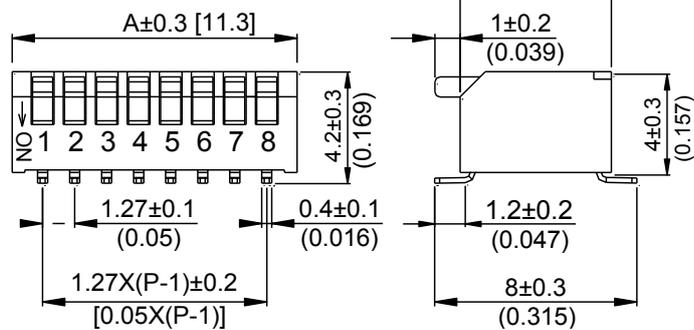
CIRCUIT DIAGRAM



P.C.B. LAYOUT
(TOP VIEW)



Actuator top side "OFF"



Dimension A

| Pole | 2P | 4P | 6P | 8P | 10P |
|------|-----------------|-----------------|-----------------|------------------|------------------|
| A | 3.68 (0.145) | 6.22 (0.245) | 8.76 (0.345) | 11.30 (0.445) | 13.84 (0.545) |

Detect



Dimensions are shown: mm
Specifications and dimensions subject to change