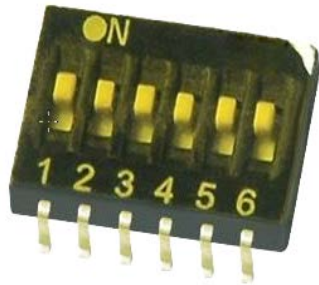


THS SERIES HALF PITCH SMT TYPE, THE LOWEST PROFILE DIP SWITCH



THS 1.27mm PITCH



THS J-Hook Type

FEATURES

- Standard 0.05" integrated circuit pitch.
- Smaller size makes better heat convection during PC board wave soldering.
- Top tape sealed to withstand wave soldering, board washing.
- All plastics are UL 94V-0 grade fire retardant.
- Gold plated contact to ensure low contact resistance and long mechanical life.
- RoHS Compliant

APPLICATIONS

- Hand-held electronic devices, such as PDA, MP3, radios
- Portable computer and electronic devices, such as notebook, computers
- Instrumentation and industrial control products, such as CDROM, coin changers

SPECIFICATIONS

1.ELECTRICAL

| | | |
|--|----------------------------|-------------|
| ● Contact rating | switching | 25mA, 24VDC |
| | non-switching | 100mA |
| ● Contact resistance | 100mΩ Max. | |
| ● Insulation resistance | 500MΩ Min. at 100VDC | |
| ● Dielectric strength | 300VAC Min. for 60 seconds | |
| ● Capacitance between adjacent switches 5pF Max. | | |



E

Detect

THS SERIES HALF PITCH SMT TYPE, THE LOWEST PROFILE 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 for 20 seconds or less, peak temperature 260°C or less | |

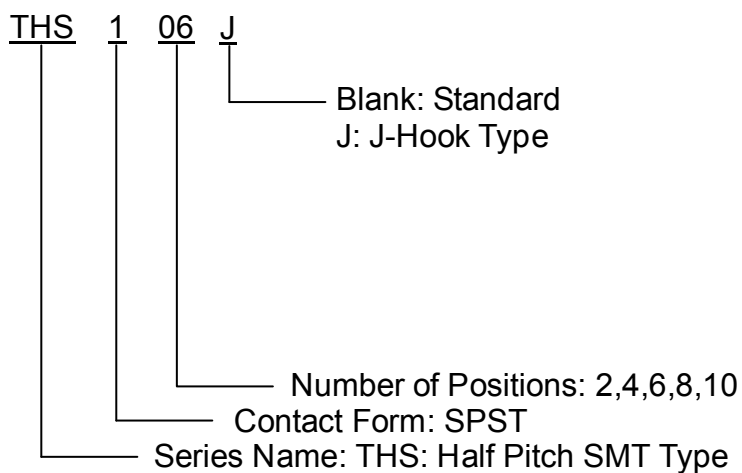
Temperature (°C)

Time (sec)

Max. 260°C
240°C
180°C
150°C

120-150 sec
20 sec Max.

■ PART NUMBERING SYSTEM



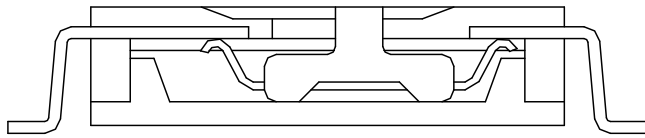
E

Detect

THS SERIES HALF PITCH SMT TYPE, THE LOWEST PROFILE DIP SWITCH

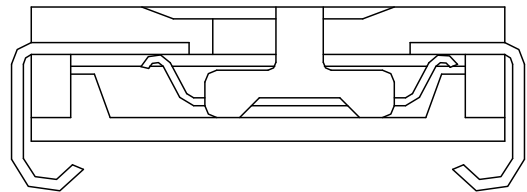
CONSTRUCTION

THS



THS1XX

THS J TYPE



THS1XXJ

OPTIONS

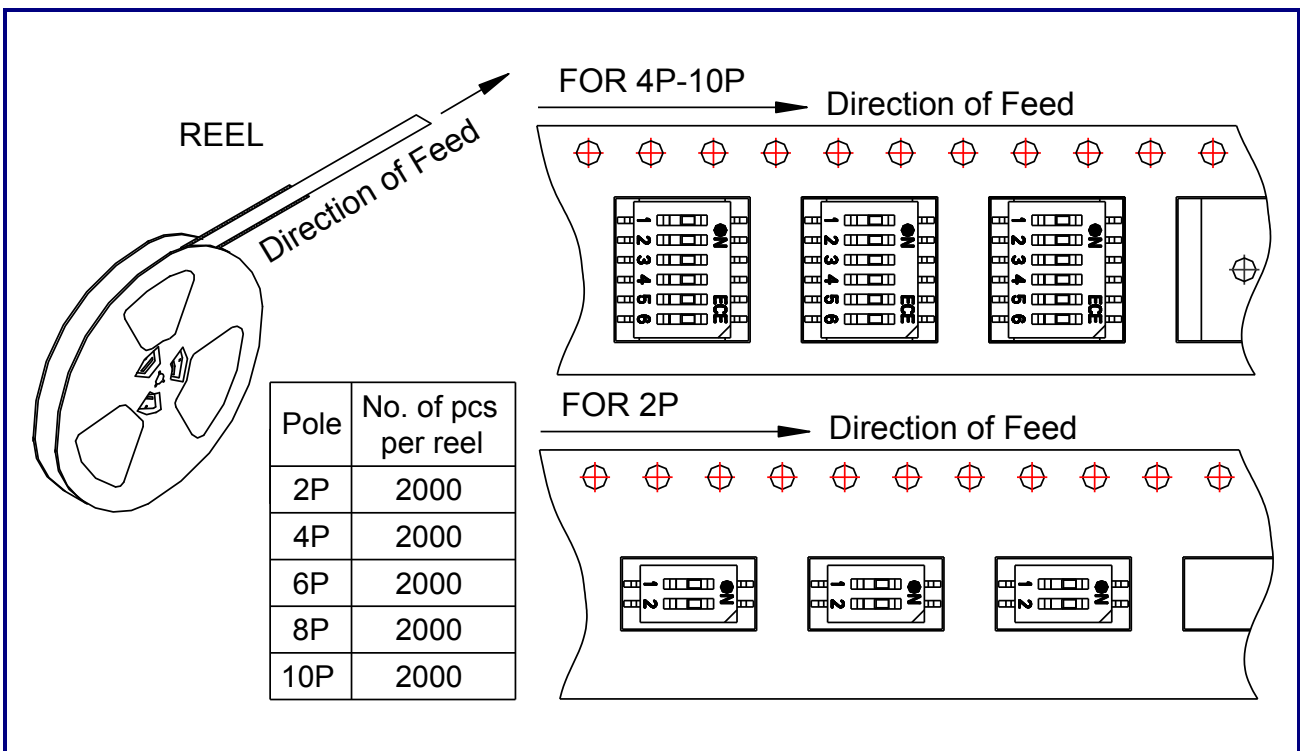
1. Special marking and case color available

2. Top Tape Sealed



PACKAGING

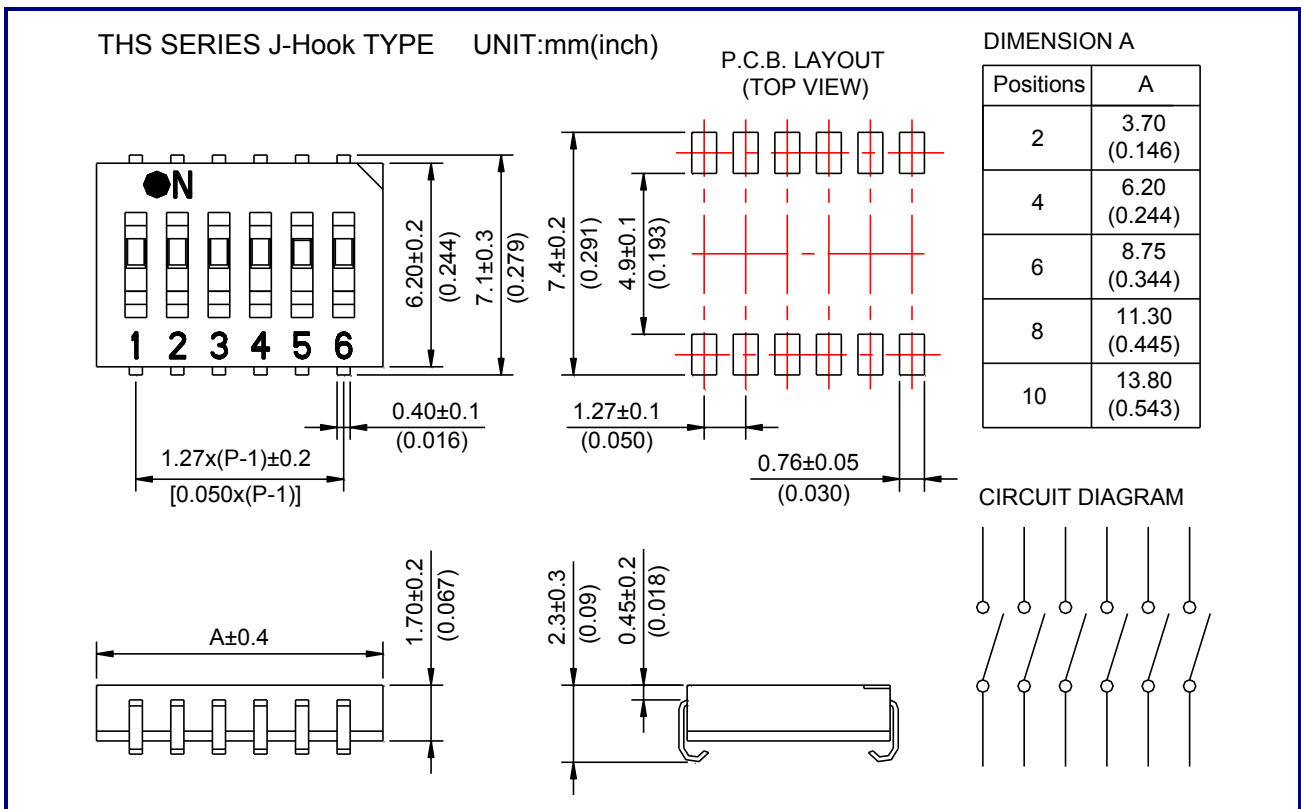
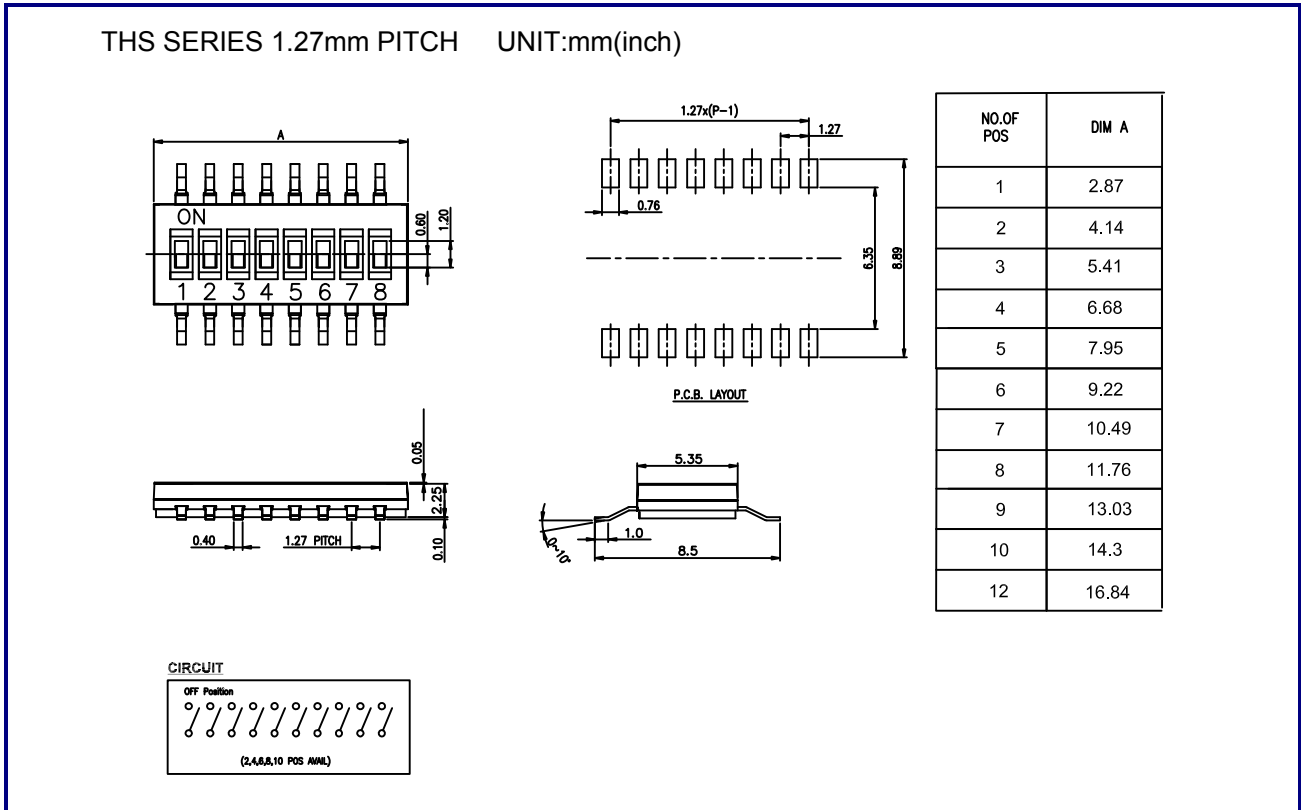
1. Tape & Reel Packaging (Per EIA STANDARD)



Detect

THS SERIES HALF PITCH SMT TYPE, THE LOWEST PROFILE DIP SWITCH

DIMENSIONS AND CIRCUITRY



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