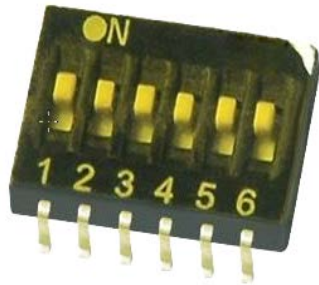


# THS SERIES HALF PITCH SMT TYPE, THE LOWEST PROFILE DIP SWITCH



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	

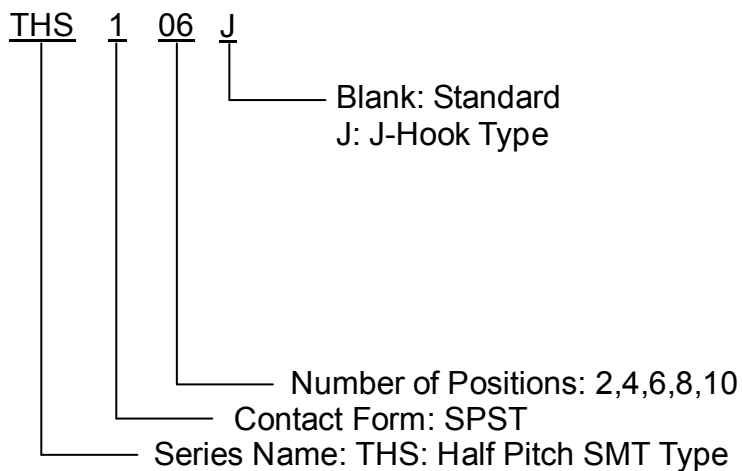
Temperature (°C)

Time (sec)

Max. 260°C  
240°C  
180°C  
150°C

120-150 sec  
20 sec Max.

## ■ PART NUMBERING SYSTEM



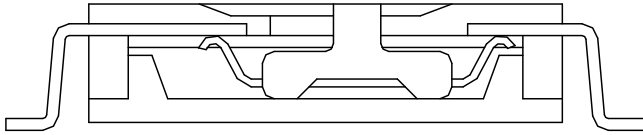
E

Detect

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

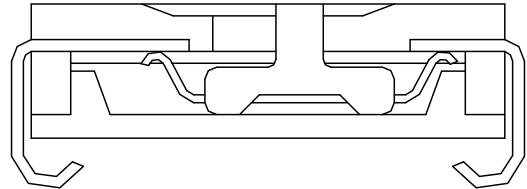
## CONSTRUCTION

THS



THS1XX

THS J TYPE



THS1XXJ

## OPTIONS

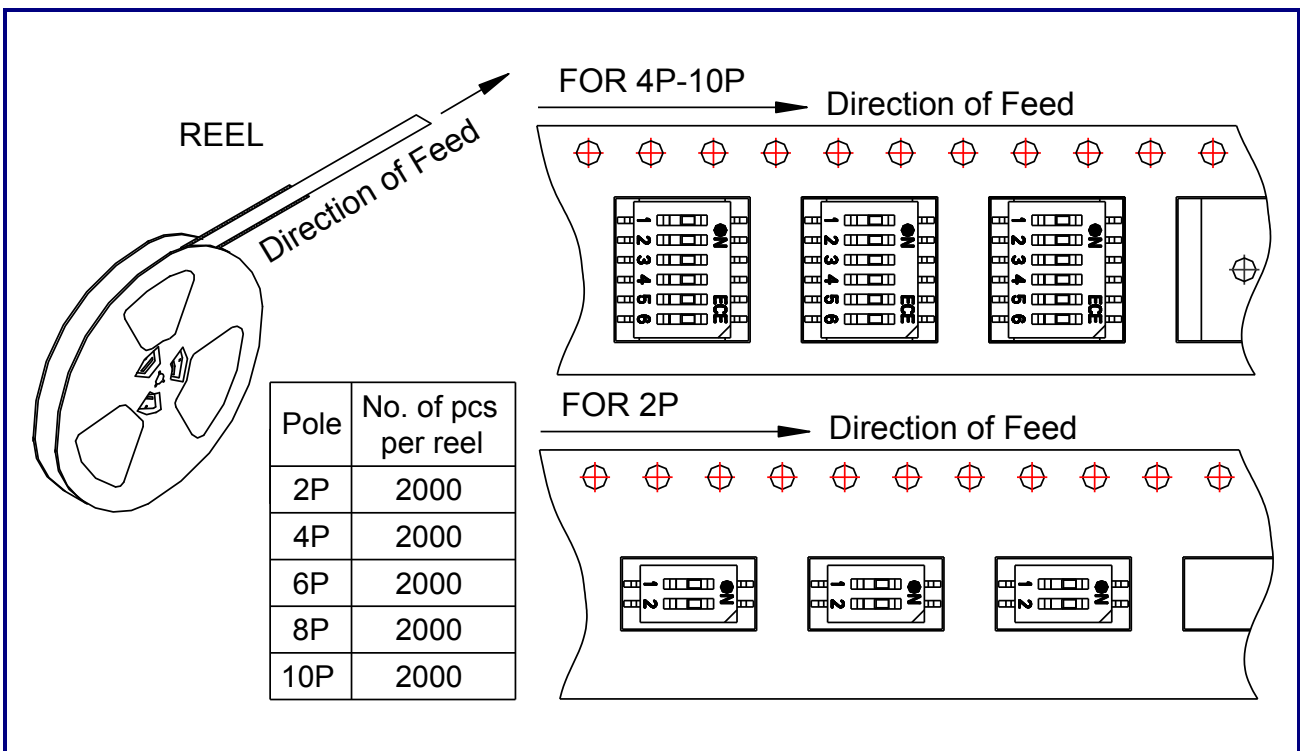
1. Special marking and case color available

2. Top Tape Sealed

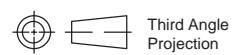


## PACKAGING

1. Tape & Reel Packaging (Per EIA STANDARD)



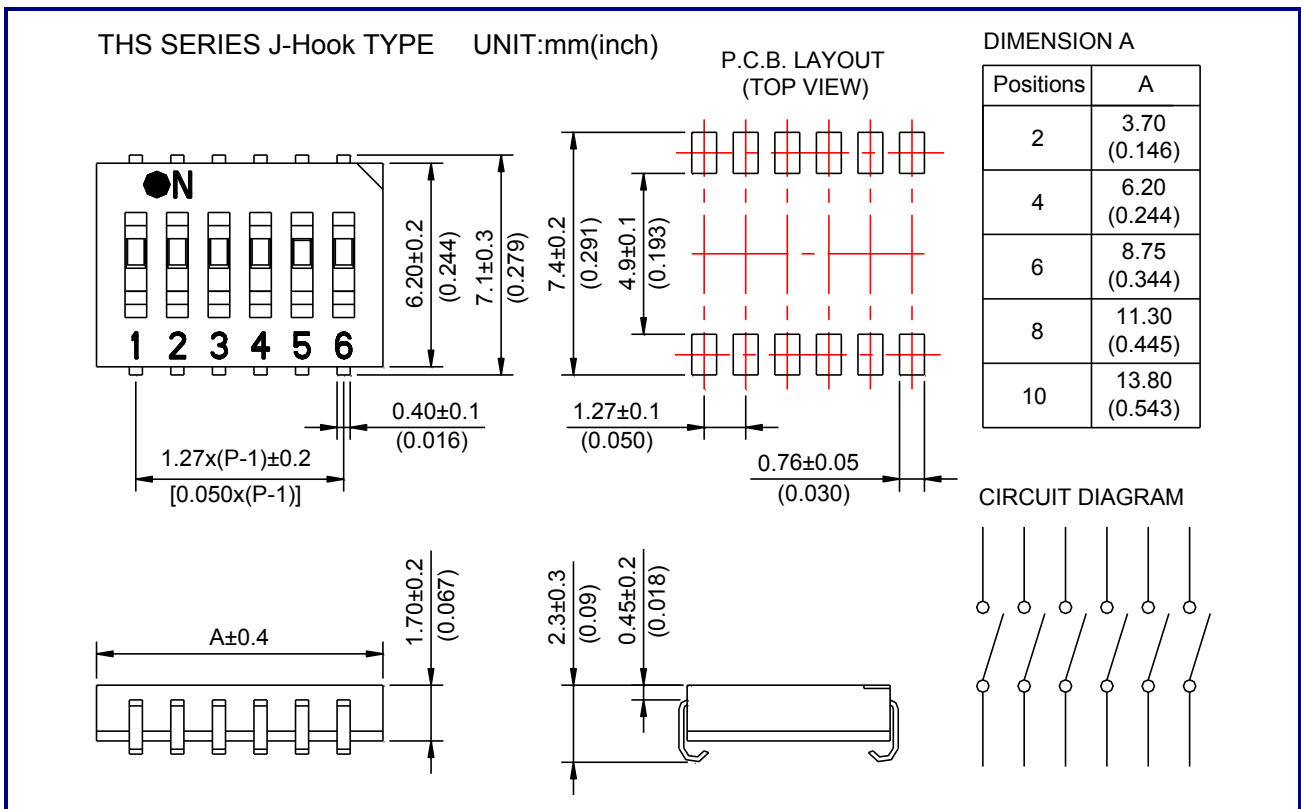
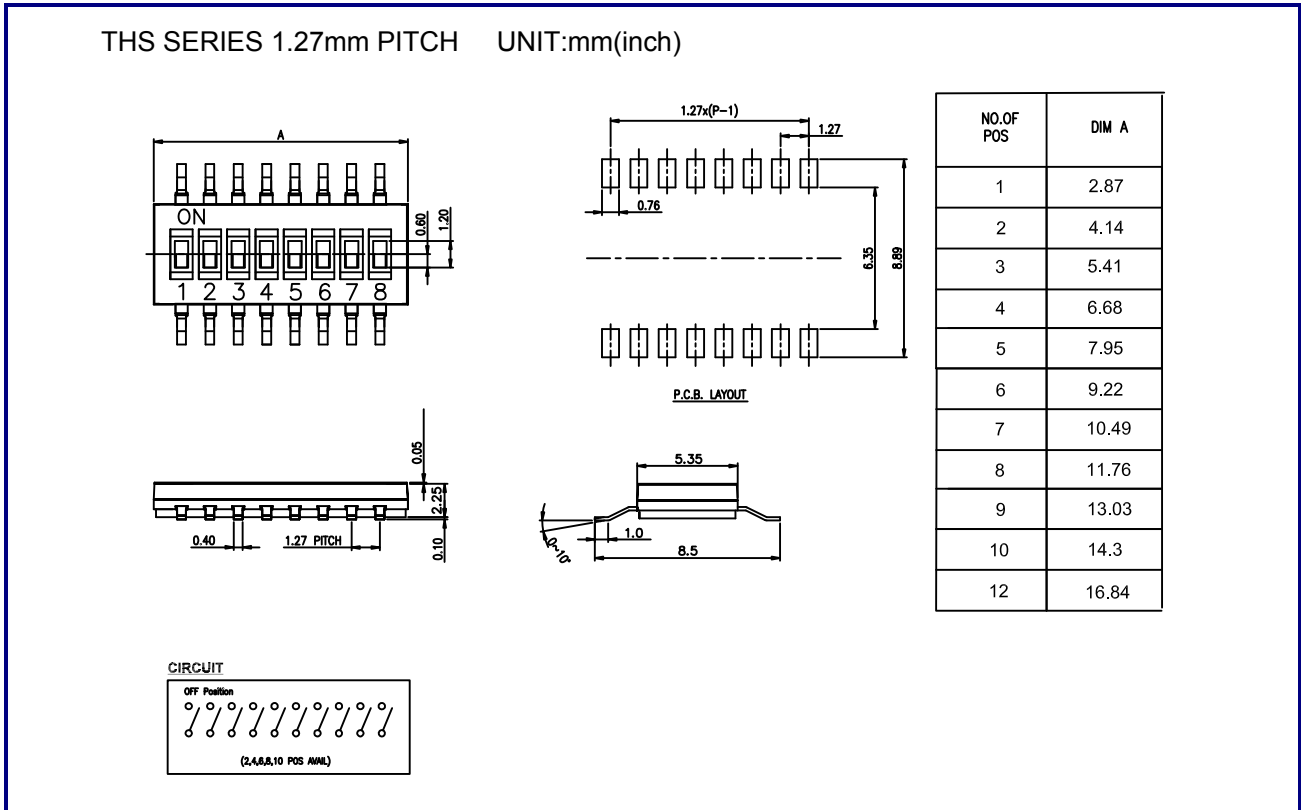
Detect



Dimensions are shown: mm  
Specifications and dimensions subject to change

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

## DIMENSIONS AND CIRCUITRY



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