

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



**EHS 1.27mm PITCH**



**EHS J-Hook Type**

### ■ FEATURES

- Standard 0.05" integrated circuit pitch
- Smaller size makes better heat convection during PC board soldering
- Top tape sealed to withstand 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
- Halogen Free series available

### ■ 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(Initial)                    | 100mΩ Max.                 |             |
| ● Insulation resistance                          | 500MΩ Min. at 100VDC       |             |
| ● Dielectric strength                            | 300VAC Min. for 60 seconds |             |
| ● Capacitance between adjacent switches 5pF Max. |                            |             |

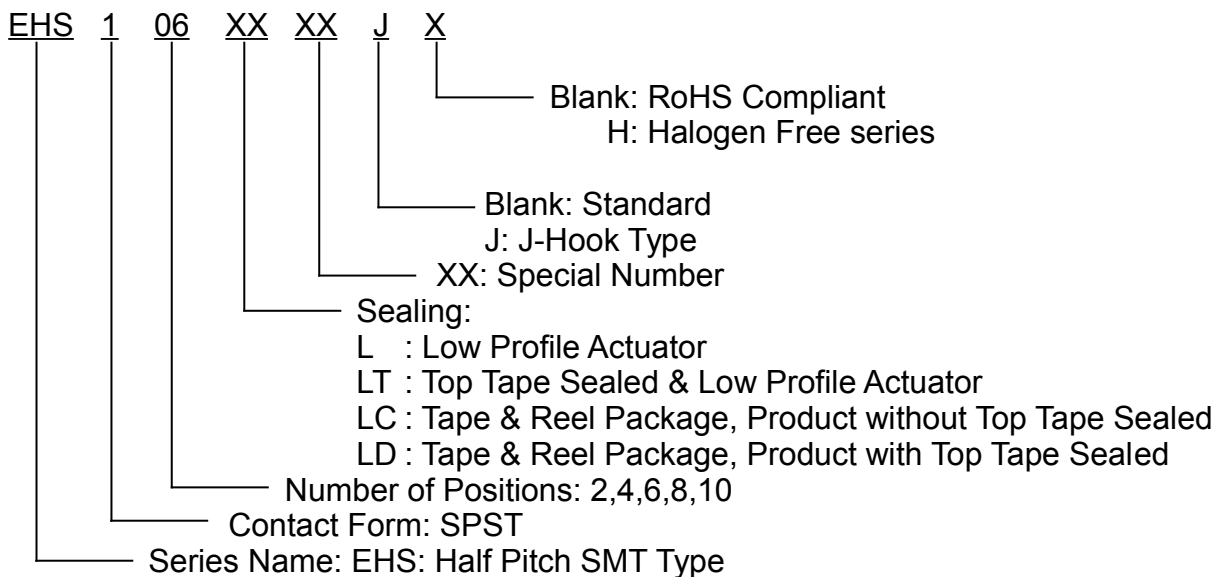


## 2.MECHANICAL and ENVIRONMENTAL

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

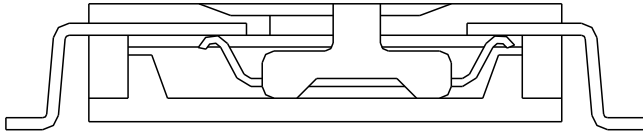
The graph shows a reflow soldering temperature profile. The y-axis is Temperature (°C) with markers at 150, 180, 240, and Max. 260. The x-axis is Time (sec) with markers for 120-150 sec and 20 sec Max. The curve starts at a low temperature, rises to 150°C, then to 180°C, and finally peaks at 260°C before cooling down. A horizontal dashed line at 240°C indicates the time for 20 seconds or less at that temperature.

## ■ PART NUMBERING SYSTEM

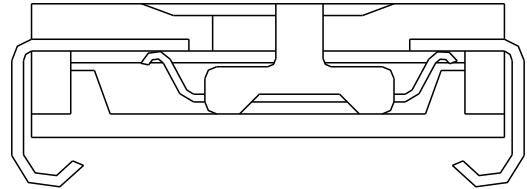


## CONSTRUCTION

### EHS



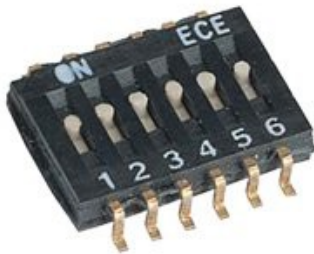
### EHS J TYPE



## OPTIONS

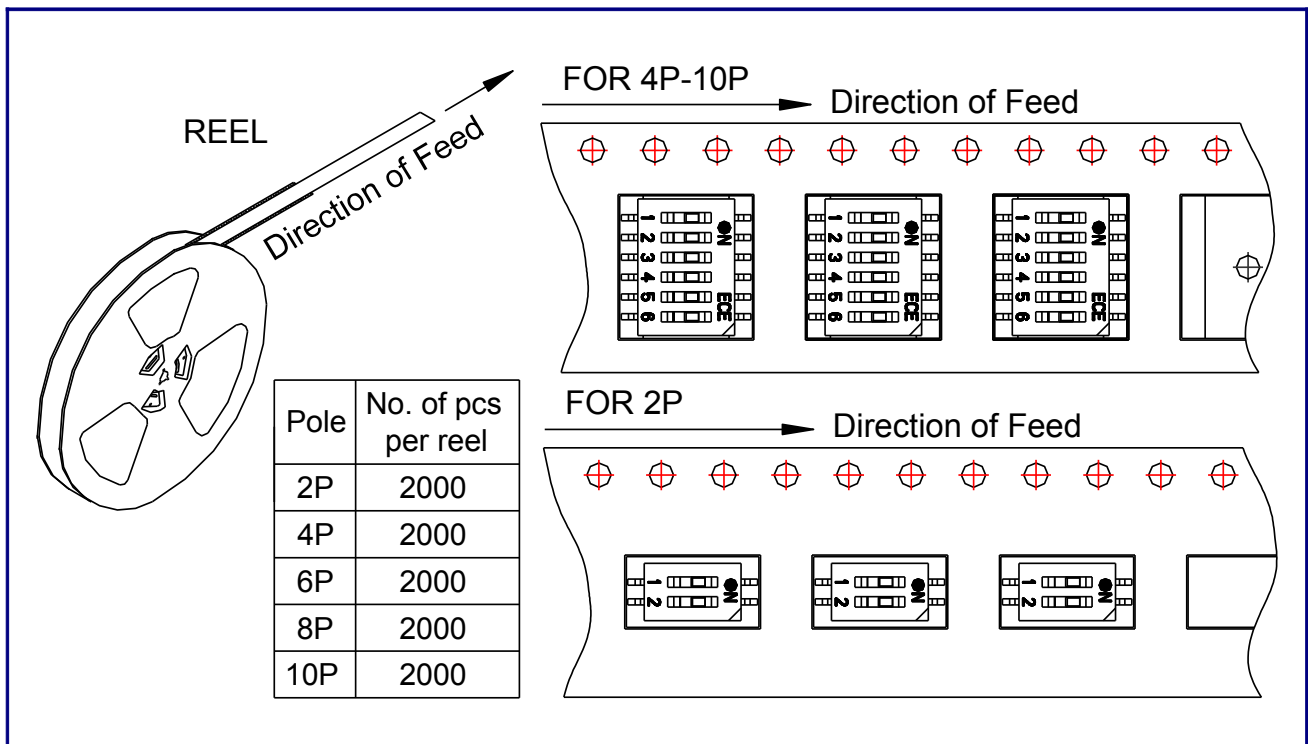
1. Special marking and case color available

2. Top Tape Sealed



## PACKAGING

1. Tape & Reel Packaging (Per EIA STANDARD)



## ■ DIMENSIONS AND CIRCUITRY

