



RoHS Compliant

BIWIN / Sab®

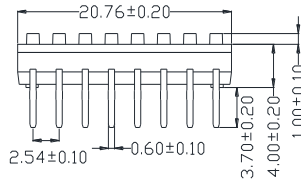
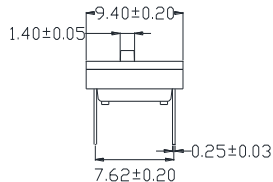
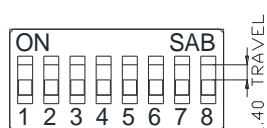
CIH/CIS/CIV Series—Low profile DIP Switch

## Features

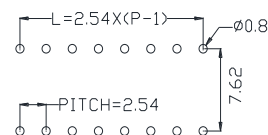
- ◆ Low profile Box type
- ◆ Thru-hole, SMD, Right Angle version
- ◆ CIV: Provides better insertion solution
- ◆ CIV: Highly resistant to prevent dump backwards while actuating
- ◆ Twin contacts designed to ensure stable contact



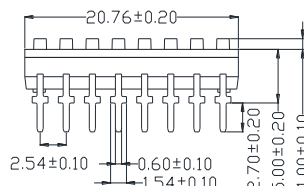
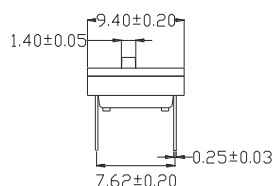
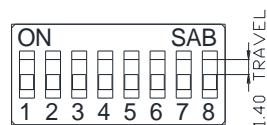
## CIH1



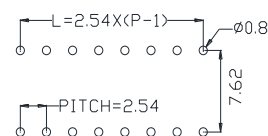
### DRILLING PLAN



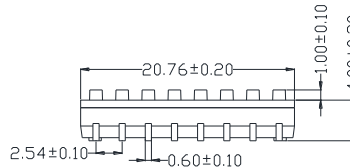
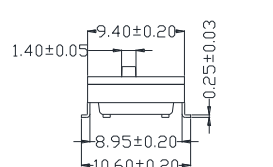
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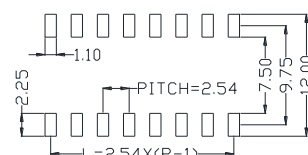
### DRILLING PLAN



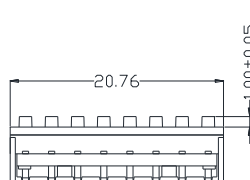
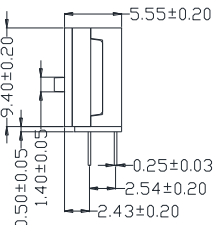
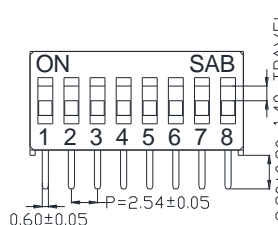
## CIS



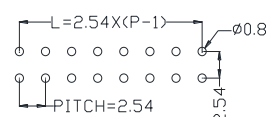
### SMD SOLDERING PAD



## CIV



### DRILLING PLAN



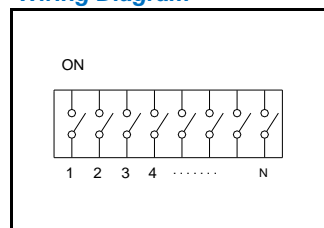
## Specifications

- ◆ Contact Rating
  - Switching ..... 25mA, 24VDC
  - Non-Switching ..... 100mA, 50VDC
- ◆ Contact Resistance
  - Initial ..... 50mΩ Max.
  - After Life Test ..... 100mΩ Max.
- ◆ Insulation Resistance ..... 100MΩ min at 500VDC
- ◆ Dielectric Strength ..... 500VAC/ 1 minute
- ◆ Operating Force..... 1,000g Max.
- ◆ Mechanical Life..... 2,000 cycles
- ◆ Electrical Life..... 2,000 cycles

## Materials

- ◆ Cover: Thermoplastic, Black · Red & Blue
  - ◆ Base: Thermoplastic, Black
  - ◆ Actuator: Thermoplastic, White
  - ◆ Movable Contact: Copper Alloy, Gold- or Pure-Tin-plated
  - ◆ Terminal Contact & Terminal: Copper Alloy, Gold- or Pure-Tin-plated
  - ◆ Tape Sealed: Polyimide film
- Packaging Information**
- ◆ Tube: CIH1/ CIH2/ CIS/ CIV
  - ◆ Tape & Reel: CIS
  - ◆ Actuators all in "OFF" position

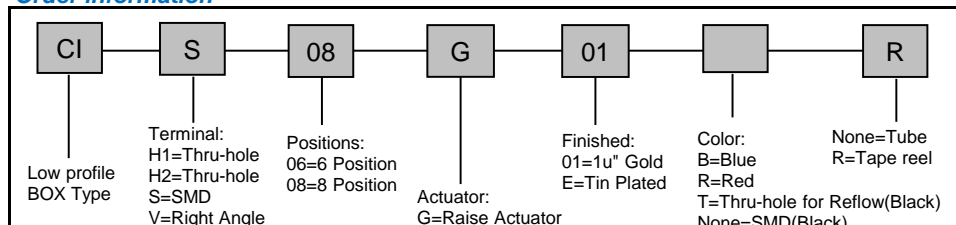
## Wiring Diagram



## Soldering Information

- ◆ Hand Soldering: Soldering Iron of 30W or under at 350°C for 3 sec. max.
- ◆ Wave Soldering: 260±5°C for 10 sec. max.
- ◆ Reflow Soldering: Peak temperature: 245 or 250°C max. The time above 240 or 245°C must be 30 sec. max.
- ◆ Keep all actuators in "OFF" position during soldering and cleaning process

## Order Information



## Package

P/N	No. Of Pole	Dim. A	Quantity per Tube
CIH/S/V02	2	5.52mm	95
CIH/S/V04	4	10.60mm	48
CIH/S05	5	13.14mm	39
CIH/S/V06	6	15.68mm	33
CIH/S/V08	8	20.76mm	25