

SAB/YIKAI

SOJ/P/F Series-Half Pitch DIP Switch

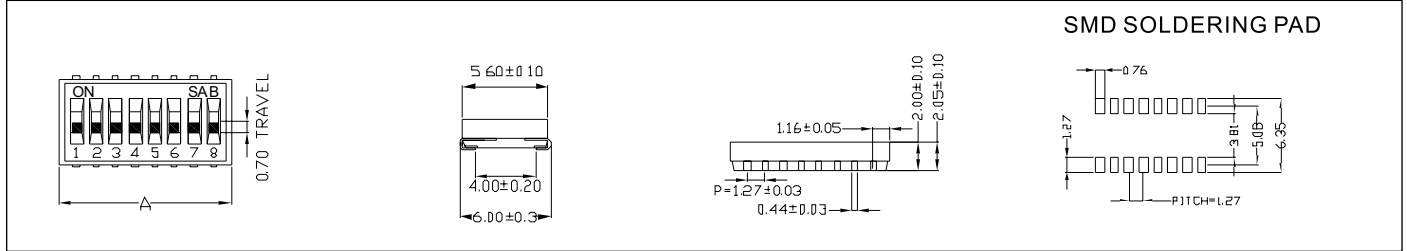


Features

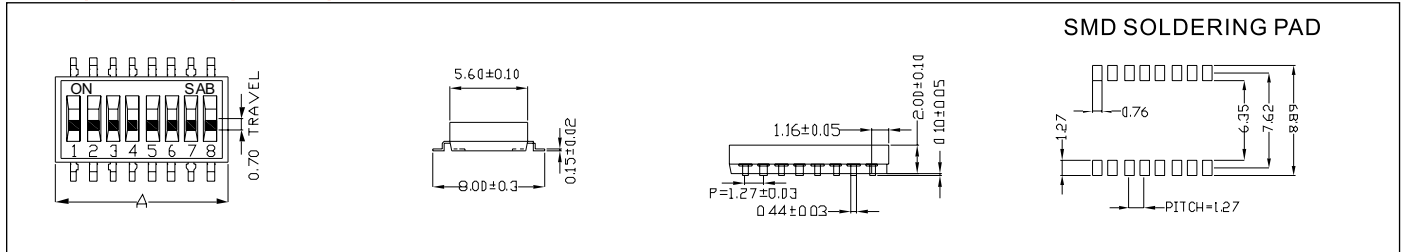
- ◆ Half Pitch(1.27mm) terminal.
- ◆ 300mil/SOP/J/F standard(0.05 inch pitch).
- ◆ Gold-plated electrical contacts are standard.
- ◆ High temperature tape sealed.



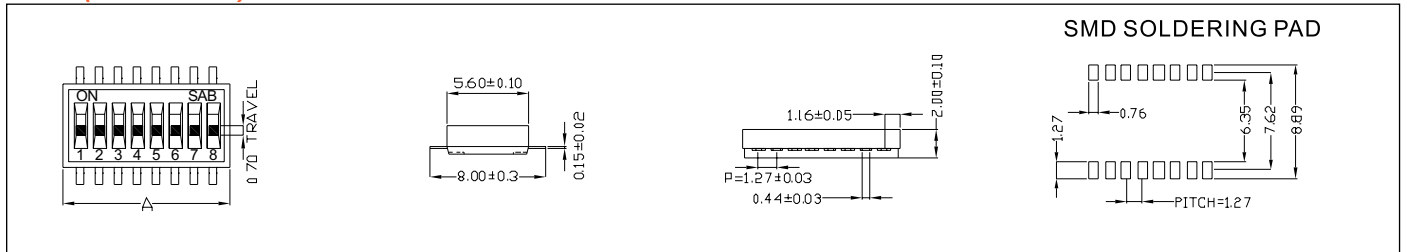
SOJ(J Lead)



SOP(Gull Wing Lead)



SOF(Flat Lead)



Specifications

- ◆ Contact Rating
 - Switching25mA, 24VDC
 - Non-Switching.....100mA, 50VDC
- ◆ Contact Resistance
 - Initial50mΩ Max.
 - After Life Test100mΩ Max.
- ◆ Insulation Resistance100MΩ min at 500VDC
- ◆ Dielectric Strength300VAC/1 minute
- ◆ Operating Force500g Max.
- ◆ Mechanical Life2,000 cycles
- ◆ Electrical Life2,000 cycles

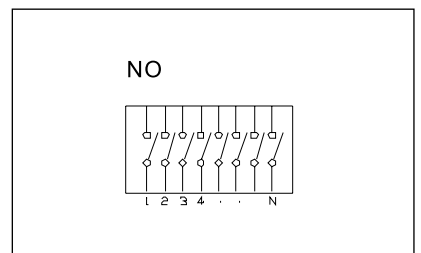
Materials

- ◆ **Cove & Base:** High Temperature UL 94V-0 Thermoplastic, Black.
- ◆ **Actuator:** High Temperature UL 94V-0 Thermoplastic, White.
- ◆ **Terminal & Movable Contact:** Copper Alloy with Gold Plated or Pure-Tin.
- ◆ **Terminal:** Copper Alloy with Gold Plated or Pure-Tin.
- ◆ **Tape Sealed:** Polyimide Film.

Packaging Information

- ◆ SOP can be packed by Tube or Tape & Reel.
- ◆ SOJ / SOF providing Tape & Reel package only.
- ◆ Actuators all in "OFF" position.

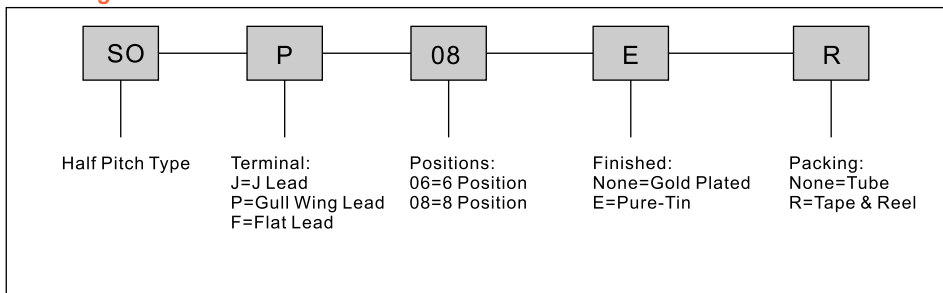
Wiring Diagram



Soldering Information

- ◆ Hand Soldering
 - Soldering Iron 30W at under 350°C / 3 sec.Max.
 - or at 270°C / 5 sec.Max.
- ◆ Reflow Soldering
 - 260°C ±5 °C within 30sec. In-line or Batch system.
- ◆ Keep all actuators in "OFF" position during soldering and cleaning process.

Ordering Information



Package

P/N	No.Of Pole	Dim. A	Quantity per Tube
SOP01	1	2.31mm	93(Half)
SOP02	2	3.58mm	125
SOP03	3	4.85mm	90
SOP04	4	6.12mm	70
SOP05	5	7.39mm	60
SOP06	6	8.66mm	50
SOP08	8	11.20mm	40
SOP10	10	13.74mm	30
SOP12	12	16.28mm	25

For more Information in Tape & Reel packaging. Please refer page 14 & 15 & 16.