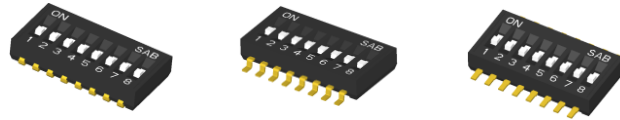


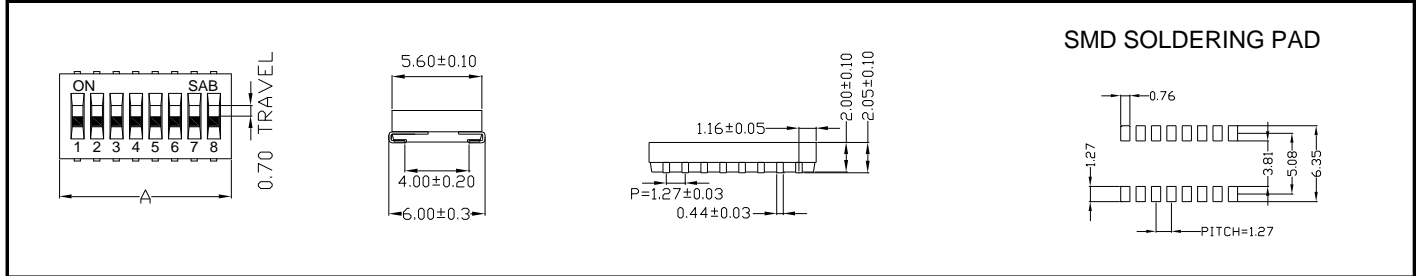
**SOJ/P/F Series—Half Pitch DIP Switch**

**Features**

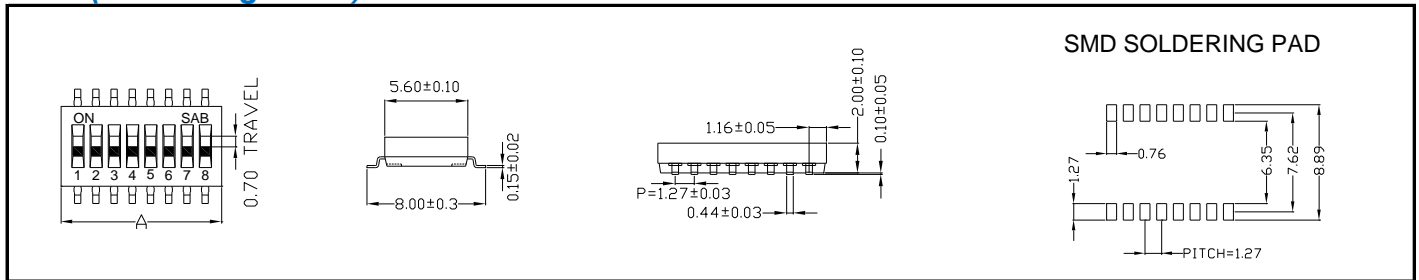
- ◆ Half Pitch(0.05 inch/ 1.27mm) terminal
- ◆ Standard gold-plated electrical contacts
- ◆ Tape sealed version available to ensure washability
- ◆ Singular pole: 1, 3 and 5 available
- ◆ Gull Wing Lead, J Lead and Flat Lead



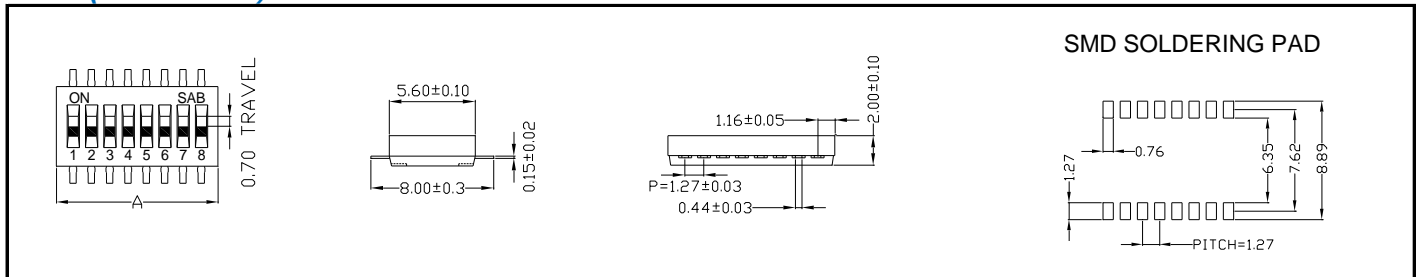
**SOJ ( J Lead )**



**SOP ( Gull Wing Lead )**



**SOF ( Flat Lead )**



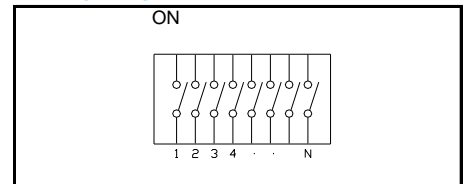
**Specifications**

- ◆ 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 ..... 300VAC/ 1 minute
- ◆ Operating Force..... 500g Max.
- ◆ Mechanical Life ..... 2,000 cycles
- ◆ Electrical Life ..... 1,000 cycles

**Materials**

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

**Wiring Diagram**



**Packaging Information**

- ◆ Tube: SOJ/ SOP
- ◆ Tape & Reel: SOJ/ SOP/ SOF
- ◆ Actuators all in "OFF" position

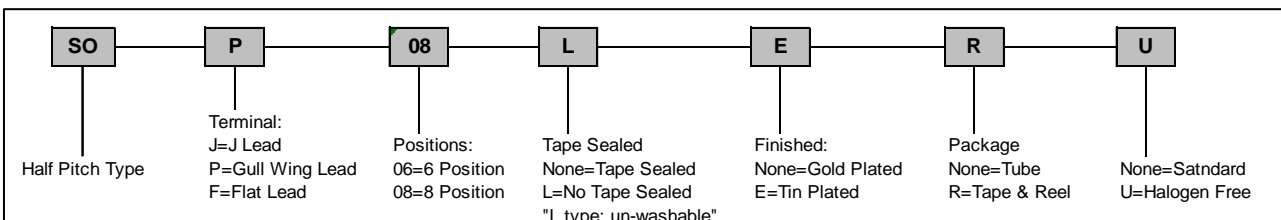
**Package**

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

**Soldering Information**

- ◆ Hand Soldering
  - Soldering Iron of 30W or under at 300°C for 4±1 sec. max.
- ◆ Reflow Soldering
  - Peak temperature: 260°C max. The time above 255°C must be 30 sec. max.
- ◆ Keep all actuators in "OFF" position during soldering and cleaning process

**Order Information**



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