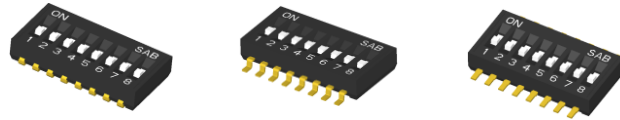


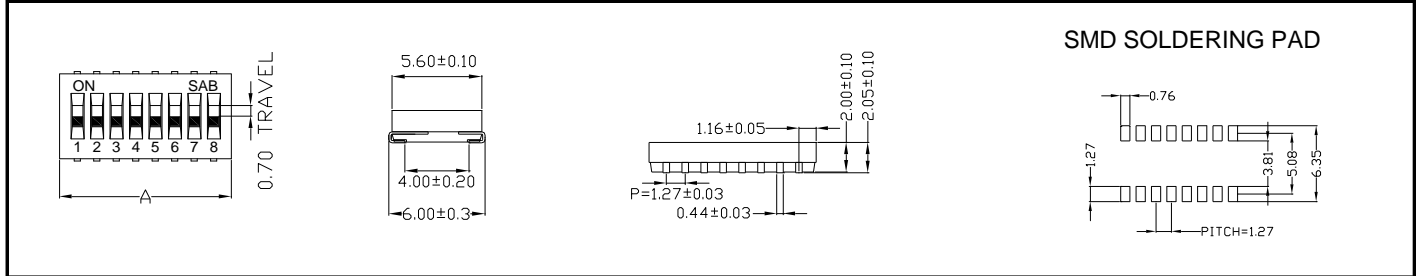
SOJ/P/F Series—Half Pitch DIP Switch

Features

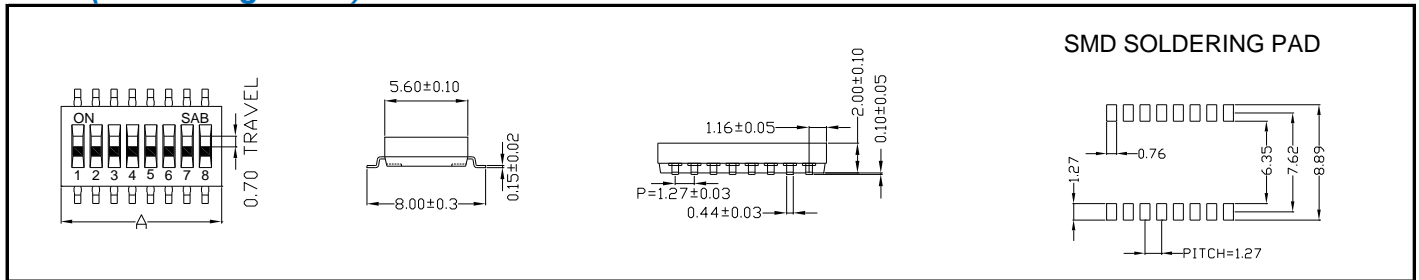
- ◆ Half Pitch(0.05 inch/ 1.27mm) terminal
- ◆ Standard gold-plated electrical contacts
- ◆ Tape sealed version available to ensure washability
- ◆ Singular pole: 1, 3 and 5 available
- ◆ Gull Wing Lead, J Lead and Flat Lead



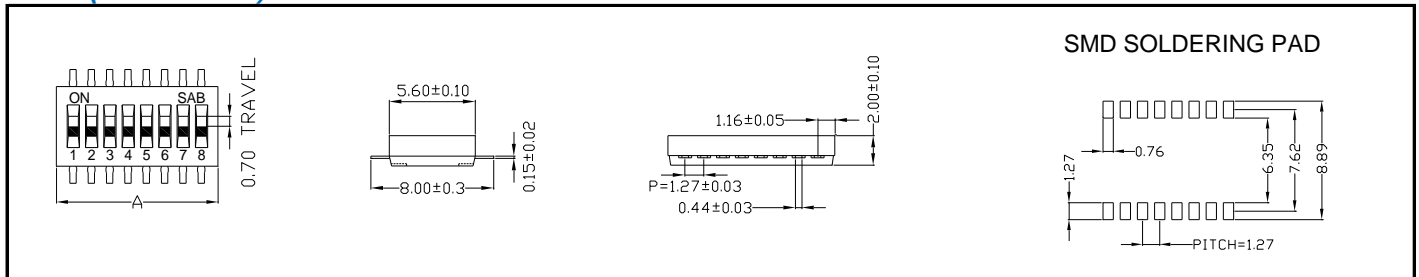
SOJ (J Lead)



SOP (Gull Wing Lead)



SOF (Flat Lead)



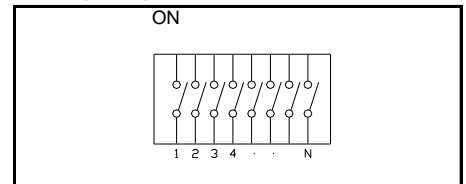
Specifications

- ◆ 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

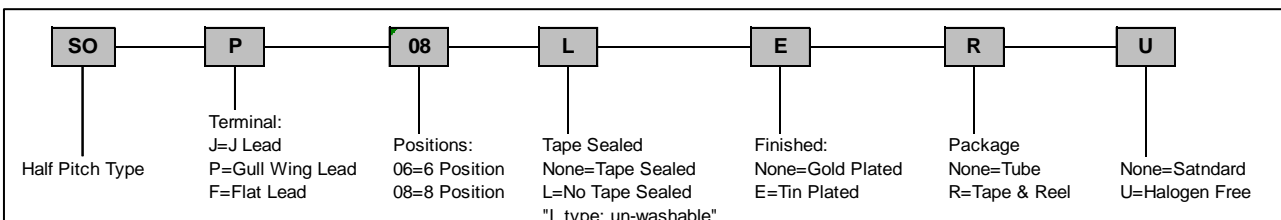
Soldering Information

- ◆ 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

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 |

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