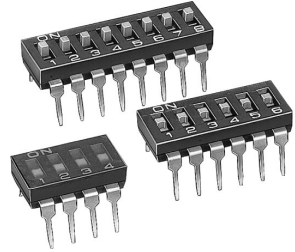


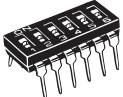
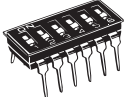
DIP Switch (Slide Type) – A6T

Low-cost DIP Switch with Slide Pins

- Designed to DIP (Dual Inline Package) standards and allows automatic mounting with IC insertion machines.
- Washable models with seal tape available.
- Gold-plated twin contacts and a slide-type, self-cleaning mechanism ensure high reliability.



Ordering Information

| Type (actuator colour) | | Flat actuator (Yellow) | | Raised actuator (Yellow) |
|------------------------|--------------------|---|----------------|---|
| | | Standard | With seal tape | |
| | | DIP terminal | DIP terminal | DIP terminal |
| | |  | |  |
| No. of poles | Quantity per stick | | | |
| 1 | 130 | A6T-1101 | A6T-1102 | A6T-1104 |
| 2 | 76 | A6T-2101 | A6T-2102 | A6T-2104 |
| 3 | 55 | A6T-3101 | A6T-3102 | A6T-3104 |
| 4 | 42 | A6T-4101 | A6T-4102 | A6T-4104 |
| 5 | 35 | A6T-5101 | A6T-5102 | A6T-5104 |
| 6 | 28 | A6T-6101 | A6T-6102 | A6T-6104 |
| 7 | 25 | A6T-7101 | A6T-7102 | A6T-7104 |
| 8 | 22 | A6T-8101 | A6T-8102 | A6T-8104 |
| 9 | 20 | A6T-9101 | A6T-9102 | A6T-9104 |
| 10 | 18 | A6T-0101 | A6T-0102 | A6T-0104 |

Note 1: Orders must be made in multiples of pack quantity. Switches are not sold individually.

Specifications

Rating/Characteristics

| | |
|------------------------------|---|
| Switching capacity | 25 mA at 24 VDC 10 μ A (minimum current) at 3.5 VDC |
| Ambient temperature | Operating: -20°C to 70°C, at 60% maximum (with no icing) |
| Ambient humidity | Operating: 35% to 90%, (for +5°C to 35°C) |
| Insulation resistance | 100 M Ω min. (at 250 VDC) |
| Contact resistance | 200 m Ω max. (initial value) |
| Dielectric strength | 500 VAC for 1 min between terminals of the same polarity, and between terminals of different polarity |
| Vibration resistance | Malfunction: 10 to 55 Hz, 1.5-mm double amplitude |
| Shock resistance | Malfunction: 300 m/s ² min. |
| Life expectancy | Mechanical: 1,000 operations min. Electrical: 1,000 operations min. |
| Operating force | Flat/raised type 0.29 N min. {30 gf} |
| Weight | A6T: 0.26 g (2 poles), 0.44 g (4 poles), 0.62 g (6 poles), 0.79 g (8 poles), 0.96 g (10 poles) |

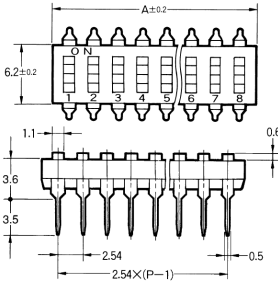
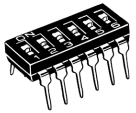
Dimensions

Note 1: All units are in millimetres unless otherwise indicated.

Note 2: Unless otherwise specified, a tolerance of ± 0.4 mm applies to all dimensions.

Flat Actuator with DIP Terminal Standard/With Seal Tape

A6T-□101
A6T-□102

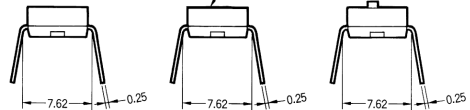


Flat Actuator
Standard

With Seal Tape

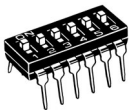
Seal tape (t = 0.06)

Raised Actuator

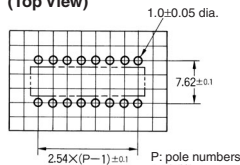


Raised Actuator with DIP Terminal

A6T-□104



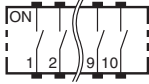
PCB Dimensions (Top View)



| No. of poles | Model | | | Dimension A |
|--------------|----------|----------|----------|-------------|
| 1 | A6T-1101 | A6T-1102 | A6T-1104 | 3.48 |
| 2 | A6T-2101 | A6T-2102 | A6T-2104 | 6.02 |
| 3 | A6T-3101 | A6T-3102 | A6T-3104 | 8.56 |
| 4 | A6T-4101 | A6T-4102 | A6T-4104 | 11.10 |
| 5 | A6T-5101 | A6T-5102 | A6T-5104 | 13.64 |
| 6 | A6T-6101 | A6T-6102 | A6T-6104 | 16.18 |
| 7 | A6T-7101 | A6T-7102 | A6T-7104 | 18.72 |
| 8 | A6T-8101 | A6T-8102 | A6T-8104 | 21.26 |
| 9 | A6T-9101 | A6T-9102 | A6T-9104 | 23.80 |
| 10 | A6T-0101 | A6T-0102 | A6T-0104 | 26.34 |

Installation

■ Internal Connections (Top View)



ALL DIMENSIONS SHOWN ARE IN MILLIMETRES.

To convert millimetres into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.