

A collection of seven different types of DIP (Dual In-line Package) integrated circuits. The components are shown in various orientations and sizes, including 8-pin, 14-pin, 16-pin, and 20-pin versions. Each component has a black plastic body with gold-plated pins extending from the sides. Some components have a small label with 'ON' and a number (1-8) indicating the pin configuration.

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Specifications

■ Ratings/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 (with no icing)
Ambient humidity	Operating: 35% to 90%
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) A6S: 0.25 g (2 poles), 0.41 g (4 poles), 0.58 g (6 poles), 0.73 g (8 poles), 0.87 g (10 poles)

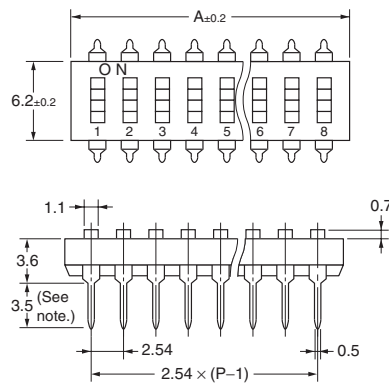
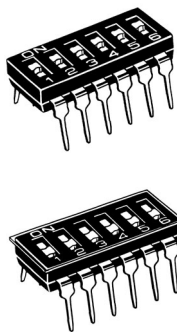
Dimensions

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

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

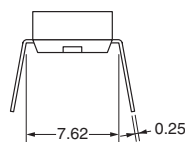
Flat Actuator with DIP Terminal Standard/With Seal Tape

A6T-□101
A6T-□102



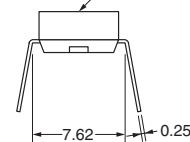
Note: Terminal length decreased from 4.3 mm to 3.5 mm as of May 2003.

Flat Actuator Standard

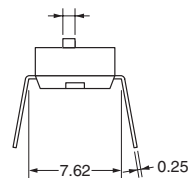


With Seal Tape

Seal tape (t = 0.06)

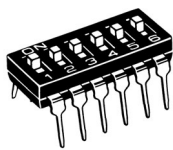


Raised Actuator

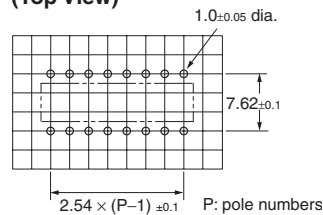


Raised Actuator with DIP Terminal

A6T-□104



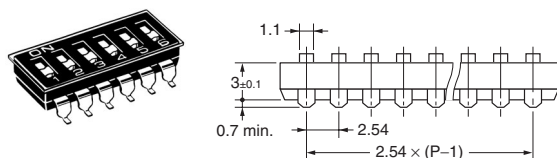
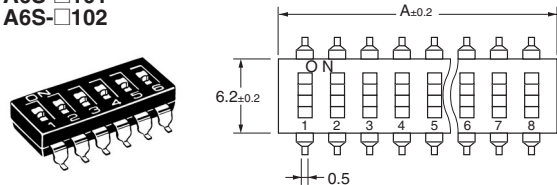
PCB Dimensions (Top View)



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

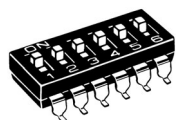
Flat Actuator with SMT Terminal Standard/With Seal Tape

A6S-□101
A6S-□102

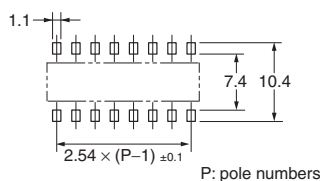


Raised Actuator with SMT Terminal

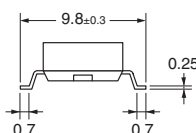
A6S-□104



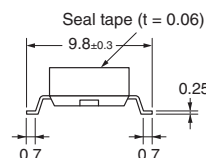
PCB Dimensions (Top View)



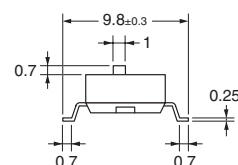
Flat Actuator Standard



With Seal Tape



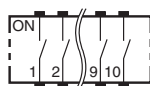
Raised Actuator



No. of poles	Model			Dimension A
2	A6S-2101	A6S-2102	A6S-2104	6.02
3	A6S-3101	A6S-3102	A6S-3104	8.56
4	A6S-4101	A6S-4102	A6S-4104	11.10
5	A6S-5101	A6S-5102	A6S-5104	13.64
6	A6S-6101	A6S-6102	A6S-6104	16.18
7	A6S-7101	A6S-7102	A6S-7104	18.72
8	A6S-8101	A6S-8102	A6S-8104	21.26
9	A6S-9101	A6S-9102	A6S-9104	23.80
10	A6S-0101	A6S-0102	A6S-0104	26.34

Installation

Internal Connections (Top View)



Precautions

Be sure to refer to General Precautions on pages 5 to 7 for details on proper use.

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

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