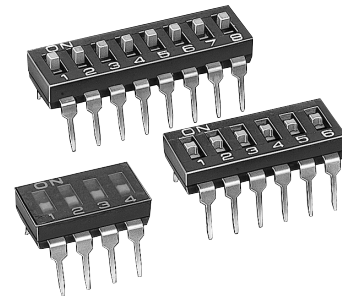


DIP Switch with Through hole Terminals in a Wide Assortment of Pole Configurations

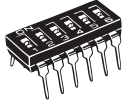
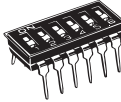
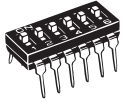
- Gold-plated twin contacts and a slide-type, self-cleaning mechanism ensure high reliability.
- Washable models with seal tape available.
- The wide product line extends from models with 1 to 10 poles to meet a wide range of needs.



RoHS Compliant

Ordering Information

■List of Models

Type and color of actuator		Flat actuator (Orange)		Raised actuator (Orange)
		Standard	With seal tape	
No. of poles	Quantity per tube			
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: Order in multiples of the package quantity.

Specifications

■Ratings/Characteristics

Rating	25 mA at 24 VDC 10 μ A (minimum current) at 3.5 VDC
Ambient operating temperature	-20 to 70°C at 60% max. (with no icing or condensation)
Ambient operating humidity	35% to 95% (at 5 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
Vibration resistance	Malfunction: 10 to 55 Hz, 1.5-mm double amplitude
Shock resistance	Malfunction: 300 m/s ² min.
Durability	Electrical: 1,000 operations min.
Operating force	0.29 to 9.8 N {30 to 1,000 gf}
Weight	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

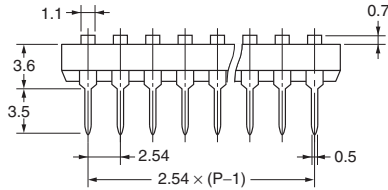
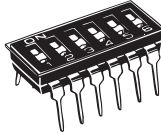
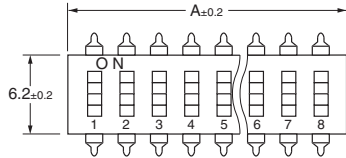
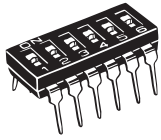
- Note:** 1. All units are in millimeters unless otherwise indicated.
 2. Unless otherwise specified, a tolerance of ± 0.4 mm applies to all dimensions.

● Flat Actuator

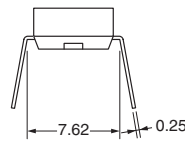
Standard/With Seal Tape

A6T-□101

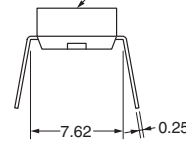
A6T-□102



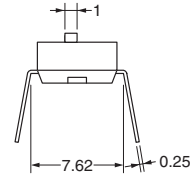
Flat Actuator Standard



Flat Actuator With Seal Tape
Seal tape (t = 0.06)

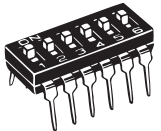


Raised Actuator

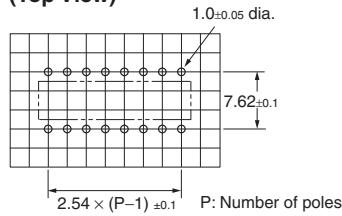


● Raised Actuator

A6T-□104



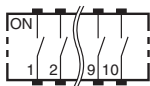
PCB Dimensions (Top View)



No. of poles	Model			Dimension A
	Flat Actuator		Raised Actuator	
	Standard	With Seal Tape		
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

Internal Connections

■ Contact Form (Top View)



Precautions

Be sure to read the Safety precautions common to all DIP Switches for correct 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.