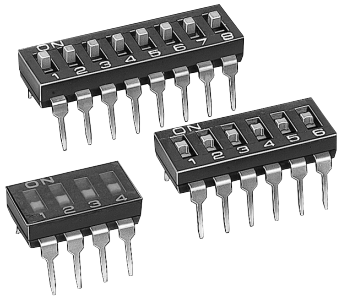
OMRON

Slide DIP Switch

A6T

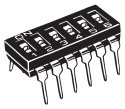
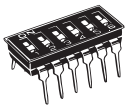
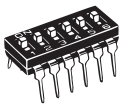
Standard Through-hole Mounting Slide DIP Switches

- Gold-plated twin contacts ensure high reliability.
- Washable, with seal tape available.
- Models with from 1 to 10 poles meet wide needs.



■List of Models

Tube packaging

No. of poles	Quantity per tube	Type: Flat actuator, Standard	Flat actuator, With seal tape	Raised actuator
				
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.

■Ratings/Characteristics

Rating (resistive load)		25 mA at 24 VDC 10 μA (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 MΩ min. (at 250 VDC with insulation tester)
Contact resistance (initial value)		200 mΩ max.
Dielectric strength	**Between terminals**	500 VAC for 1 min
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.
Washing		Standard models: Not possible, Models with seal tape: Possible, Models with raised actuators: Not possible
Degree of protection		IEC IP40
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)

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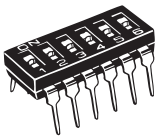
■Dimensions (Unit: mm)

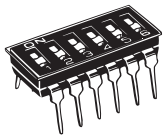
● Flat Actuator

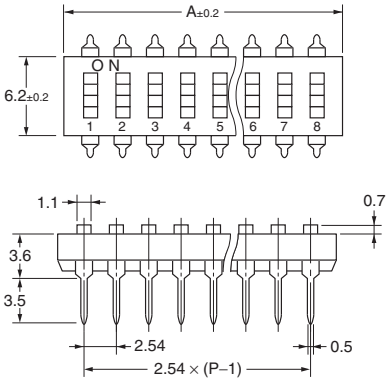
Standard/With Seal Tape

A6T-□101

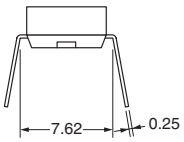
A6T-□102



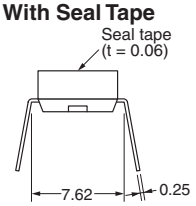




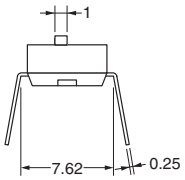
Flat Actuator Standard



Flat Actuator With Seal Tape

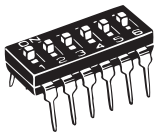


Raised Actuator

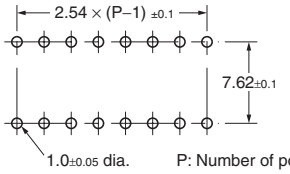


● Raised Actuator

A6T-□104



PCB Dimensions (Reference) (Top View)

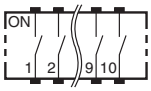


No. of poles	Model			Dimension A
	Flat Actuator		Raised Actuator	
	Standard	With Seal Tape		
1	A6T-1101	A6T-1102	A6T-1104	3.48
2	A6T-2101	A6T-2102	A6T-2104	6.02
3	A6T-3101	A6T-3102	A6T-3104	8.56
4	A6T-4101	A6T-4102	A6T-4104	11.10
5	A6T-5101	A6T-5102	A6T-5104	13.64
6	A6T-6101	A6T-6102	A6T-6104	16.18
7	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

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

■Internal Connections

Contact Form (Top View)



■Precautions

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

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