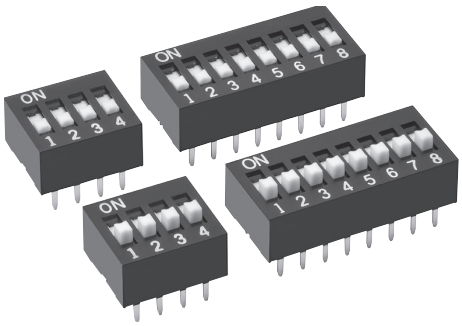
A6E-N

Slide DIP Switch

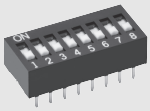
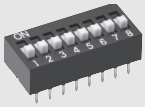
Box type Through-hole Mounting DIP Switch

- **Gold-plated twin contacts ensure high reliability.**
- **Available both ON and OFF-set soldering.**



List of Models

- **Tube Packaging**

Type		Flat actuator	Raised actuator
Appearance			
No. of poles	Quantity per tube		
2	72	A6E-2101-N	A6E-2104-N
3	51	A6E-3101-N	A6E-3104-N
4	40	A6E-4101-N	A6E-4104-N
5	32	A6E-5101-N	A6E-5104-N
6	27	A6E-6101-N	A6E-6104-N
7	24	A6E-7101-N	A6E-7104-N
8	21	A6E-8101-N	A6E-8104-N
9	19	A6E-9101-N	A6E-9104-N
10	17	A6E-0101-N	A6E-0104-N

Note: Order in multiples of the package quantity.

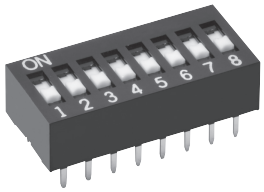
Ratings / Characteristics

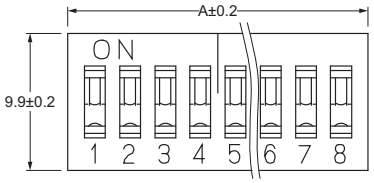
Ratings(resistive load)		25 mA at 24 VDC 10 μA (minimum current) at 3.5 VDC
Ambient operating temperature		–20 to +70°C at 60% max. (with no icing or condensation)
Ambient operating humidity		35% to 95% (at +5 to +35°C)
Insulation resistance		100 MΩ min. (at 250 VDC with insulation tester)
Contact resistance (initial value)		200 mΩ max. (initial value)
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/s² min.
Durability		1,000 operations min.
Washing		Not possible
Degree of protection		IEC IP40 equivalent
Operating force		0.29 to 9.8 N
Weight		Raised actuator: 0.43 g (2 poles) 0.78 g (4 poles) 1.12 g (6 poles) 1.47 g (8 poles) 1.82 g (10 poles)

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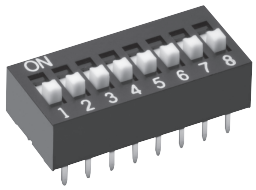
Dimensions (Unit: mm)

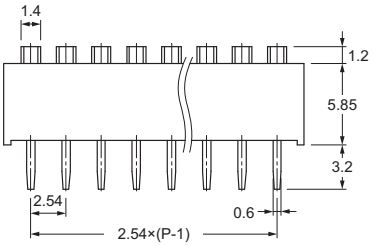
- **Flat Actuator**
  A6E-□101-N



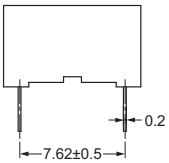


- **Raised Actuator**
  A6E-□104-N

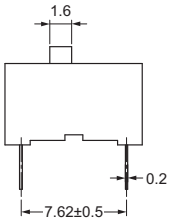




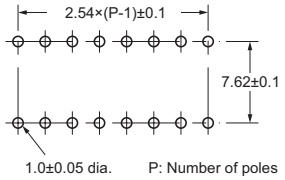
Flat Actuator



Raised Actuator



PCB Dimensions (Reference)
(Top View)

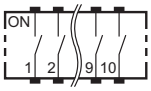


No. of poles	Model		Dimension A
	Flat	Raised	
2	A6E-2101-N	A6E-2104-N	6.44
3	A6E-3101-N	A6E-3104-N	8.98
4	A6E-4101-N	A6E-4104-N	11.52
5	A6E-5101-N	A6E-5104-N	14.06
6	A6E-6101-N	A6E-6104-N	16.60
7	A6E-7101-N	A6E-7104-N	19.14
8	A6E-8101-N	A6E-8104-N	21.68
9	A6E-9101-N	A6E-9104-N	24.22
10	A6E-0101-N	A6E-0104-N	26.76

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

Internal Connections

Contact Form
(Top View)



Safety Precautions

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

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