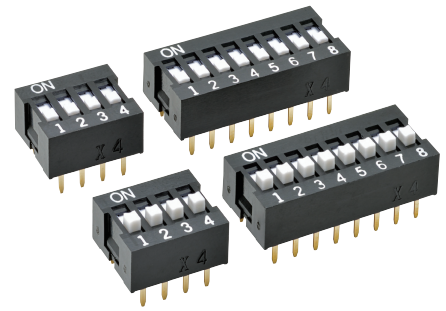


# A6E-N

Slide DIP Switch


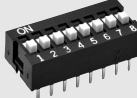
## Box type Through-hole Mounting DIP Switch

- 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

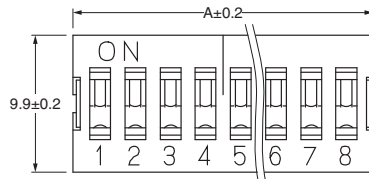
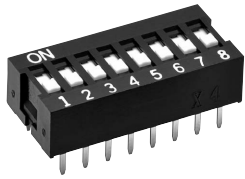
Note: Order in multiples of the package quantity.

### Ratings / Characteristics

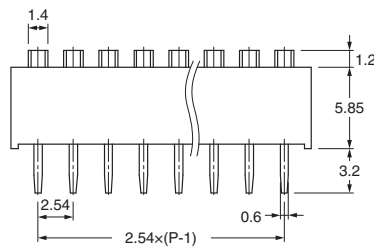
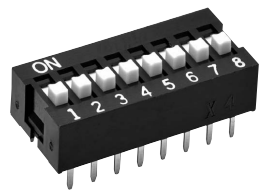
<b>Ratings(resistive load)</b>	25 mA at 24 VDC 10 $\mu$ A (minimum current) at 3.5 VDC	
<b>Ambient operating temperature</b>	-20 to +70°C at 60% max. (with no icing or condensation)	
<b>Ambient operating humidity</b>	35% to 95% (at +5 to +35°C)	
<b>Insulation resistance</b>	100 M $\Omega$ min. (at 250 VDC with insulation tester)	
<b>Contact resistance (initial value)</b>	200 m $\Omega$ max. (initial value)	
<b>Dielectric strength</b>	Between terminals 500 VAC for 1 min	
<b>Vibration resistance</b>	<b>Malfunction</b>	10 to 55 Hz, 1.5-mm double amplitude
<b>Shock resistance</b>	<b>Malfunction</b>	300 m/s <sup>2</sup> min.
<b>Durability</b>	1,000 operations min.	
<b>Washing</b>	Not possible	
<b>Degree of protection</b>	IEC IP40	
<b>Operating force</b>	0.29 to 9.8 N	
<b>Weight</b>	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)	

## Dimensions (Unit: mm)

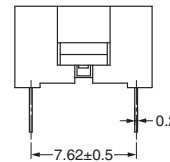
### ● Flat Actuator A6E-□101-N



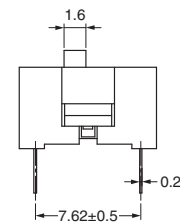
### ● Raised Actuator A6E-□104-N



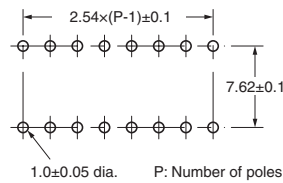
Flat Actuator



Raised Actuator



PCB Dimensions (Reference)  
(Top View)

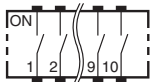


No. of poles	Model		Dimension A
	Flat	Raised	
2	A6E-2101-N	A6E-2104-N	6.44
3	A6E-3101-N	A6E-3104-N	8.98
4	A6E-4101-N	A6E-4104-N	11.52
5	A6E-5101-N	A6E-5104-N	14.06
6	A6E-6101-N	A6E-6104-N	16.60
7	A6E-7101-N	A6E-7104-N	19.14
8	A6E-8101-N	A6E-8104-N	21.68
9	A6E-9101-N	A6E-9104-N	24.22
10	A6E-0101-N	A6E-0104-N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

Note: Unless otherwise specified, a tolerance of  $\pm 0.4$  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.

Please check each region's Terms & Conditions by region website.

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