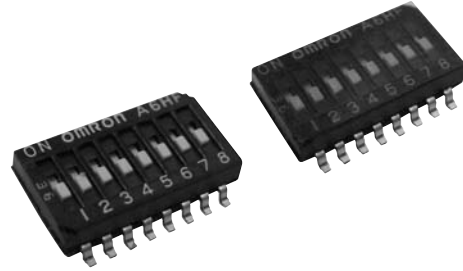


Slide DIP Switches with a height of 2.3mm and Half-pitch.

- Gold-plated twin contacts ensures high reliability.
- Washable, with seal tape available.
- Embossed taping available for small reel 100 pcs/ 500 pcs.



### ■ List of Models

Type	Flat actuator							
	With seal tape							
	Tube packaging	Embossed taping						
		Standard reel			Small reel			
No. of poles	Quantity per tube		Quantity per reel		Quantity per reel		Quantity per reel	
2	125	A6HF-2102	2,000	A6HF-2102-P	500	A6HF-2102-PM	100	A6HF-2102-R100
4	70	A6HF-4102		A6HF-4102-P		A6HF-4102-PM		A6HF-4102-R100
6	50	A6HF-6102		A6HF-6102-P		A6HF-6102-PM		A6HF-6102-R100
8	40	A6HF-8102		A6HF-8102-P		A6HF-8102-PM		A6HF-8102-R100
10	30	A6HF-0102		A6HF-0102-P		A6HF-0102-PM		A6HF-0102-R100

**Note:** Order in multiples of the package quantity.

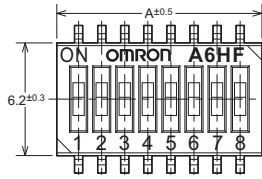
### ■ Ratings/Characteristics

<b>Rating (resistive load)</b>		25 mA at 24 VDC 10 $\mu$ A (minimum current) at 3.5 VDC
<b>Ambient operating temperature</b>		-30 to +85 °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 100 VDC with insulation tester)
<b>Contact resistance (initial value)</b>		200 m $\Omega$ max.
<b>Dielectric strength</b>	<b>Between terminals</b>	300 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>	490 m/s <sup>2</sup> min.
<b>Durability</b>	<b>Electrical</b>	1,000 operations min.
<b>Washing</b>		Possible
<b>Degree of protection</b>		IEC IP40
<b>Operating force</b>		0.29 to 4.9 N {30 to 500 gf}
<b>Weight</b>		0.08g (2 poles) 0.13g (4 poles) 0.19g (6 poles) 0.25 g (8 poles) 0.3g (10 poles)

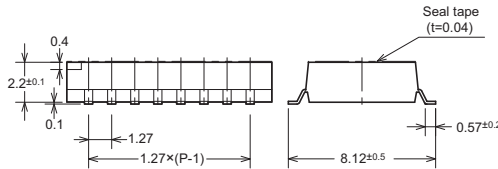
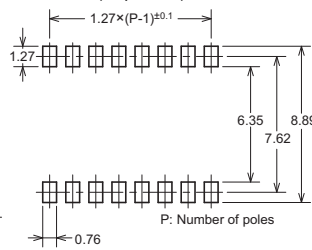
■ Dimensions (Unit: mm)

● Flat Actuator With Seal Tape

- A6HF-□102
- A6HF-□102-P
- A6HF-□102-PM
- A6HF-□102-R100



Dimensions of PCB pad (Reference)  
(Top View)

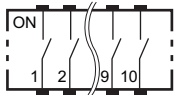


No. of poles	Models	A
2	A6HF-2102	3.67
4	A6HF-4102	6.21
6	A6HF-6102	8.75
8	A6HF-8102	11.29
10	A6HF-0102	13.83

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.

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

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