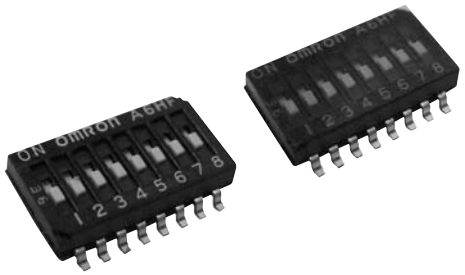
OMRON

Slide DIP Switch

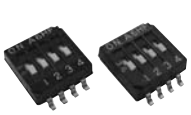
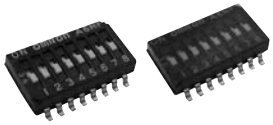
A6HF

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

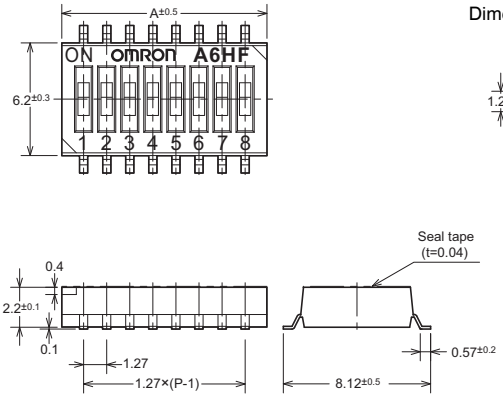
Rating (resistive load)		25 mA at 24 VDC 10 μA (minimum current) at 3.5 VDC
Ambient operating temperature		-30 to +85 °C at 60% max. (with no icing or condensation)
Ambient operating humidity		35% to 95% (at +5 to +35 °C)
Insulation resistance		100 MΩ min. (at 100 VDC with insulation tester)
Contact resistance (initial value)		200 mΩ max.
Dielectric strength	**Between terminals**	300 VAC for 1 min
Vibration resistance	**Malfunction**	10 to 55 Hz, 1.5-mm double amplitude
Shock resistance	**Malfunction**	490 m/s^2 min.
Durability	**Electrical**	1,000 operations min.
Washing		Possible
Degree of protection		IEC IP40
Operating force		0.29 to 4.9 N {30 to 500 gf}
Weight		0.08g (2 poles) 0.13g (4 poles) 0.19g (6 poles) 0.25 g (8 poles) 0.3g (10 poles)

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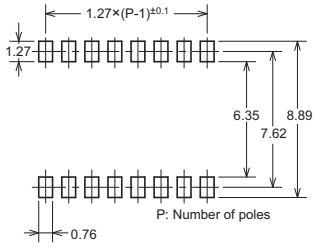
■ Dimensions (Unit: mm)

●Flat Actuator
With Seal Tape
A6HF-☐102
A6HF-☐102-P
A6HF-☐102-PM
A6HF-☐102-R100





Dimensions of PCB pad (Reference)
(Top View)

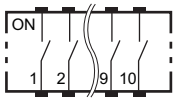


No. of poles	Models	A
2	A6HF-2102	3.67
4	A6HF-4102	6.21
6	A6HF-6102	8.75
8	A6HF-8102	11.29
10	A6HF-0102	13.83

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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