

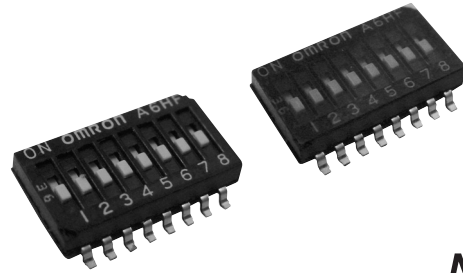
## Slide DIP Switch (SMT Half-pitch)

## A6HF

Half-pitch DIP Switch with a height of 2.3-mm.

- Gold-plated twin contacts ensures high reliability.
- Embossed taping models available for automatic mounting. (small reel also available)
- Improved solder heat resistance (reflow peak solder temperature: 260 °C).

RoHS Compliant



**NEW**

## Ordering Information

### List of Models

Type and color of actuator	Slide actuator (White)					
	Tube packaging	Embossed taping				
		Standard reel		Small reel		
No. of poles	Quantity per tube		Quantity per reel		Quantity per reel	
2	125	A6HF-2102	2,000	A6HF-2102-P	500	A6HF-2102-PM
4	70	A6HF-4102		A6HF-4102-P		A6HF-4102-PM
6	50	A6HF-6102		A6HF-6102-P		A6HF-6102-PM
8	40	A6HF-8102		A6HF-8102-P		A6HF-8102-PM
10	30	A6HF-0102		A6HF-0102-P		A6HF-0102-PM

Note: Order in multiples of the package quantity.

## Specifications

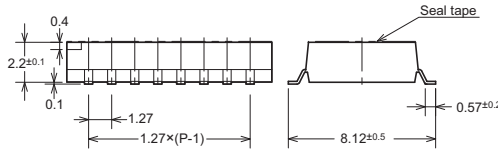
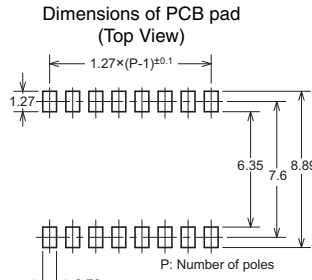
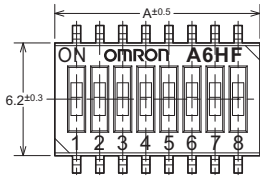
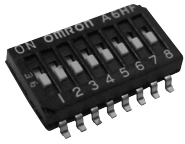
### Ratings/Characteristics

Rating	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)
Contact resistance	200 mΩ max. (initial value)
Dielectric strength	300 VAC for 1 min between terminals
Vibration resistance	Malfunction: 10 to 55 Hz, 1.5-mm double amplitude
Shock resistance	Malfunction: 490 m/s <sup>2</sup> min.
Durability	Electrical: 1,000 operations min.
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)

# Dimensions

- Note:** 1. All units are in millimeters unless otherwise indicated.  
 2. Unless otherwise specified, a tolerance of  $\pm 0.4$  mm applies to all dimensions.

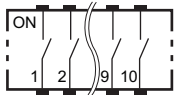
- **Standard**
- A6HF-□102
- A6HF-□102-P
- A6HF-□102-PM



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

# Internal Connections

- **Contact Form (Top View)**



# Precautions

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

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.  
 To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.