

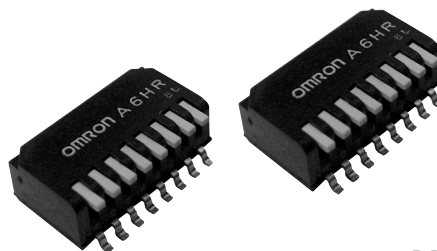
Piano DIP Switch (SMT Half-pitch)

A6HR

Piano type models available in Half-pitch.

- Gold-plated twin contacts will ensure high reliability.
- Embossed tapping models available for automatic mounting. (small reel also available)
- Temperature-resistant resin allows at peak reflow temperatures of 260 °C.

RoHS Compliant



NEW

Ordering Information

Type and color of actuator		Piano type (white)				
		Tube packaging	Embossed taping			
			Standard reel		Small reel	
						
No. of poles	Quantity per tube		Quantity per reel		Quantity per reel	
2	125	A6HR-2104	1,000	A6HR-2104-P	500	A6HR-2104-PM
4	70	A6HR-4104		A6HR-4104-P		A6HR-4104-PM
6	50	A6HR-6104		A6HR-6104-P		A6HR-6104-PM
8	40	A6HR-8104		A6HR-8104-P		A6HR-8104-PM
10	30	A6HR-0104		A6HR-0104-P		A6HR-0104-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 ² min.
Durability	Electrical: 1,000 operations min.
Operating force (OFF to ON)	0.29 to 4.9 N {30 to 500 gf} (2.45N {250 gf} max. ON to OFF)
Weight	0.13g (2 poles) 0.22g (4 poles) 0.3g (6 poles) 0.4g (8 poles) 0.48g (10 poles)

Dimensions

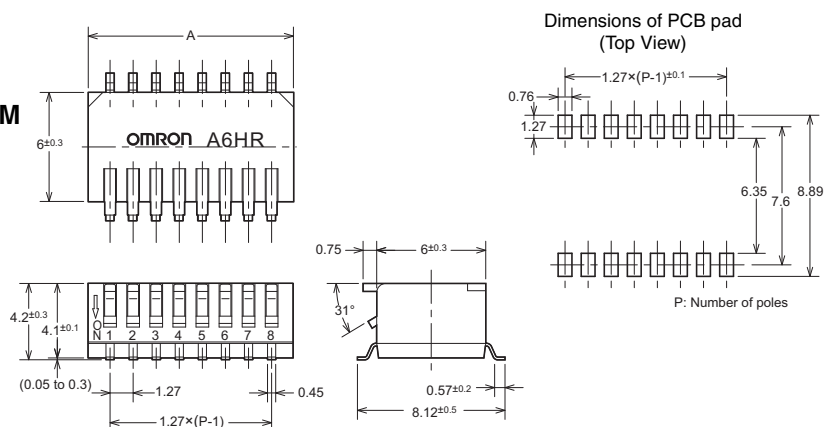
- Note:**
1. All units are in millimeters unless otherwise indicated.
 2. Unless otherwise specified, a tolerance of ± 0.4 mm applies to all dimensions.

■ Standard

A6HR-□104

A6HR-□104-P

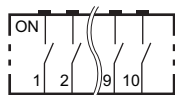
A6HR-□104-PM



No. of poles	Models	A
2	A6HR-2104	3.67
4	A6HR-4104	6.21
6	A6HR-6104	8.75
8	A6HF-8102	11.29
10	A6HR-0104	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.