

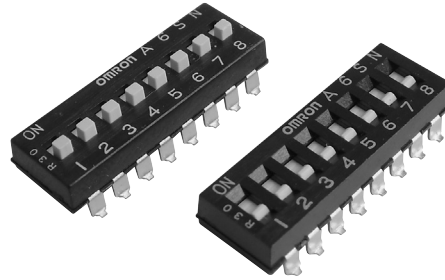
Slide DIP Switch (SMT)

A6SN

Knife-edge Structure with High Contact Pressure Mechanism Assures High reliability

- Knife-edge structure enables washing without seal.
- Embossed tapping models available for automatic mounting.
- Improved solder heat resistance (reflow peak solder temperature: 260 °C).

RoHS Compliant



NEW

Ordering Information

■ List of Models

Tube packaging type

Type and color of actuator		Flat actuator (white)	Raised actuator (white)
No. of poles	Quantity per tube		
1	100	A6SN-1101	A6SN-1104
2	60	A6SN-2101	A6SN-2104
3	45	A6SN-3101	A6SN-3104
4	35	A6SN-4101	A6SN-4104
5	30	A6SN-5101	A6SN-5104
6	25	A6SN-6101	A6SN-6104
7	20	A6SN-7101	A6SN-7104
8	20	A6SN-8101	A6SN-8104
9	15	A6SN-9101	A6SN-9104
10	15	A6SN-0101	A6SN-0104

Embossed tapping type

Type and color of actuator		Flat actuator (white)	Raised actuator (white)
No. of poles	Quantity per reel		
2	750	A6SN-2101-P	A6SN-2104-P
3		A6SN-3101-P	A6SN-3104-P
4		A6SN-4101-P	A6SN-4104-P
5		A6SN-5101-P	A6SN-5104-P
6		A6SN-6101-P	A6SN-6104-P
7		A6SN-7101-P	A6SN-7104-P
8		A6SN-8101-P	A6SN-8104-P
9		A6SN-9101-P	A6SN-9104-P
10		A6SN-0101-P	A6SN-0104-P

Note: 1. Seal tape models available for flat actuator.
2. Order in multiples of the package quantity.

Specifications

■ Ratings/Characteristics

Rating	25 mA at 24 VDC, 10 μ A (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 M Ω min. (at 100 VDC)
Contact resistance	200 m Ω 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	0.98 to 7.9 N {100 to 806 gf}
Weight	0.3 g (2 poles) 0.55 g (4 poles) 0.8 g (6 poles) 1.05 g (8 poles) 1.3 g (10 poles)

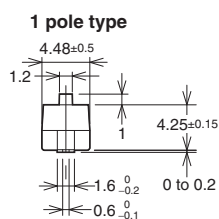
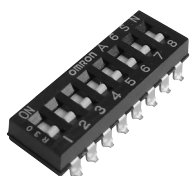
Dimensions

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

■ Flat actuator

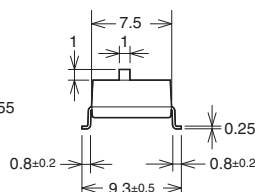
A6SN-□101

A6SN-□101-P



Raised actuator

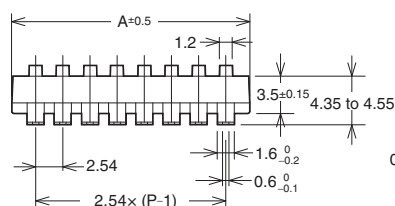
Flat actuator



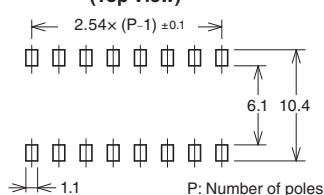
■ Raised actuator

A6SN-□104

A6SN-□104-P



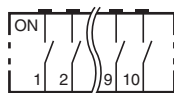
Dimensions of PCB pad (Top View)



No. of poles	Models		A
	Flat actuator	Raised actuator	
1	A6SN-1101	A6SN-1104	4.48
2	A6SN-2101	A6SN-2104	7.0
3	A6SN-3101	A6SN-3104	9.6
4	A6SN-4101	A6SN-4104	12.1
5	A6SN-5101	A6SN-5104	14.6
6	A6SN-6101	A6SN-6104	17.2
7	A6SN-7101	A6SN-7104	19.7
8	A6SN-8101	A6SN-8104	22.3
9	A6SN-9101	A6SN-9104	24.8
10	A6SN-0101	A6SN-0104	27.3

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.