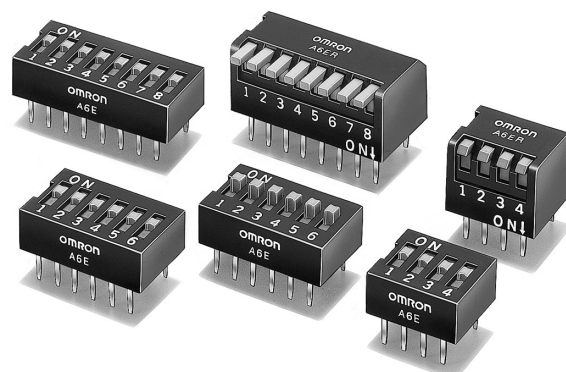


DIP Switch with a variety of assortment of Poles and Actuators in Slide or Piano Types

- The sealed bottom prevents flux penetration.
- Gold-plated contacts and terminals ensure high reliability.

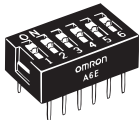
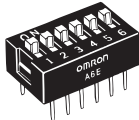
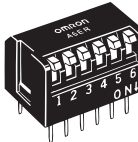
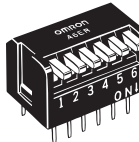
RoHS Compliant



Ordering Information

■List of Models

● Models in Tube Packages

Type (actuator color)		Flat actuator (Orange)	Raised actuator (Orange)	Type (actuator color)	Piano actuator (short) (Orange)	Piano actuator (long) (Orange)
No. of poles	Quantity per tube			Quantity per tube		
2	73	A6E-2101	A6E-2104	70	A6ER-2101	A6ER-2104
3	52	A6E-3101	A6E-3104	50	A6ER-3101	A6ER-3104
4	40	A6E-4101	A6E-4104	39	A6ER-4101	A6ER-4104
5	33	A6E-5101	A6E-5104	32	A6ER-5101	A6ER-5104
6	28	A6E-6101	A6E-6104	27	A6ER-6101	A6ER-6104
7	24	A6E-7101	A6E-7104	24	A6ER-7101	A6ER-7104
8	21	A6E-8101	A6E-8104	21	A6ER-8101	A6ER-8104
9	19	A6E-9101	A6E-9104	19	A6ER-9101	A6ER-9104
10	17	A6E-0101	A6E-0104	17	A6ER-0101	A6ER-0104

Note: 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	-20 to 70°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 250 VDC)
Contact resistance	200 m Ω max. (initial value)
Dielectric strength	500 VAC for 1 min between terminals
Vibration resistance	Malfunction: 10 to 55 Hz, 1.5-mm double amplitude
Shock resistance	Malfunction: 300 m/s ² min.
Durability	Electrical: 1,000 operations min.
Operating force	0.29 to 9.8 N {30 to 1,000 gf}
Weight	A6E: 0.66 g (2 poles), 1.00 g (4 poles), 1.32 g (6 poles), 1.65 g (8 poles), 1.98 g (10 poles) A6ER: 1.01 g (2 poles), 1.51 g (4 poles), 2.00 g (6 poles), 2.51 g (8 poles), 3.02 g (10 poles)

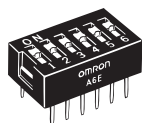
Dimensions

Note: 1. All units are in millimeters unless otherwise indicated.

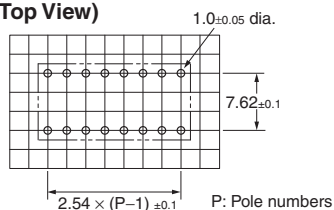
2. Unless otherwise specified, a tolerance of ± 0.4 mm applies to all dimensions.

● Flat Actuator

A6E-□101

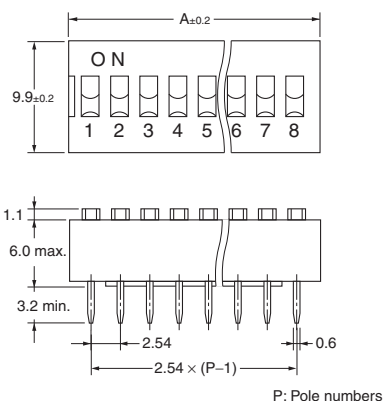
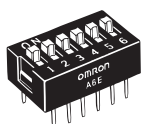


PCB Dimensions
(Top View)



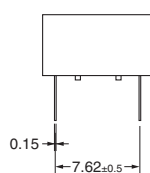
● Raised Actuator

A6E-□104

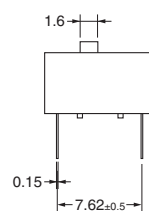


No. of poles	Model		Dimension A
	Flat	Raised	
2	A6E-2101	A6E-2104	6.64
3	A6E-3101	A6E-3104	9.18
4	A6E-4101	A6E-4104	11.72
5	A6E-5101	A6E-5104	14.26
6	A6E-6101	A6E-6104	16.80
7	A6E-7101	A6E-7104	19.34
8	A6E-8101	A6E-8104	21.88
9	A6E-9101	A6E-9104	24.42
10	A6E-0101	A6E-0104	26.96

Flat Actuator

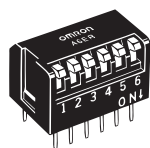


Raised Actuator

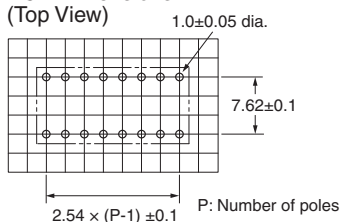


● Piano Actuator (Short)

A6ER-□101

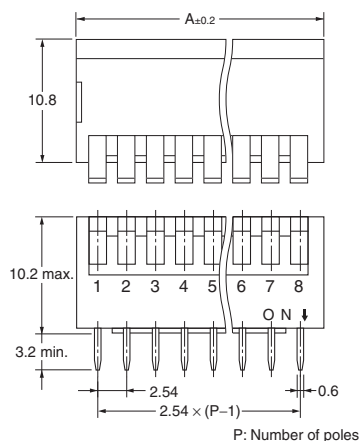
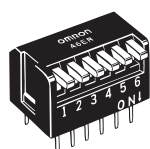


PCB Dimensions
(Top View)



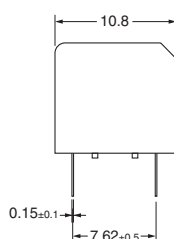
● Piano Actuator (Long)

A6ER-□104

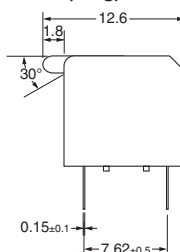


No. of poles	Model		Dimension A
	Piano (short)	Piano (long)	
2	A6ER-2101	A6ER-2104	6.64
3	A6ER-3101	A6ER-3104	9.18
4	A6ER-4101	A6ER-4104	11.72
5	A6ER-5101	A6ER-5104	14.26
6	A6ER-6101	A6ER-6104	16.80
7	A6ER-7101	A6ER-7104	19.34
8	A6ER-8101	A6ER-8104	21.88
9	A6ER-9101	A6ER-9104	24.42
10	A6ER-0101	A6ER-0104	26.96

Piano Actuator (short)

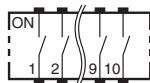


Piano Actuator (long)



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.