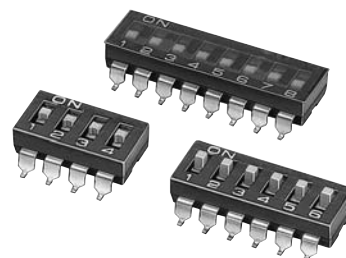


Slide DIP Switch

A6S-H

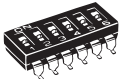
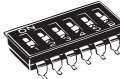
Standard Surface-Mounting Slide DIP Switches

- Gold-plated twin contacts ensure high reliability.
- Washable, with seal tape available.
- Models with from 1 to 10 poles meet wide needs.
- Embossed taping available for small-reel 100 pcs/ 500 pcs.



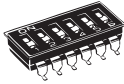
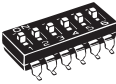
■List of Models

Tube Packaging

Type		Flat actuator		Raised actuator
		Standard	With seal tape	
				
No. of poles	Quantity per tube			
1	130	A6S-1101-H	A6S-1102-H	A6S-1104-H
2	76	A6S-2101-H	A6S-2102-H	A6S-2104-H
3	55	A6S-3101-H	A6S-3102-H	A6S-3104-H
4	42	A6S-4101-H	A6S-4102-H	A6S-4104-H
5	35	A6S-5101-H	A6S-5102-H	A6S-5104-H
6	28	A6S-6101-H	A6S-6102-H	A6S-6104-H
7	25	A6S-7101-H	A6S-7102-H	A6S-7104-H
8	22	A6S-8101-H	A6S-8102-H	A6S-8104-H
9	20	A6S-9101-H	A6S-9102-H	A6S-9104-H
10	18	A6S-0101-H	A6S-0102-H	A6S-0104-H

Note: Order in multiples of the package quantity.

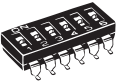
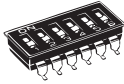
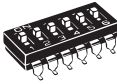
Embossed Taping (Standard reel)

Type		Flat actuator		Raised actuator	
		Standard	With seal tape		
No. of poles	Quantity per reel			Quantity per reel	
1	800	A6S-1101-PH	A6S-1102-PH	800	A6S-1104-PH
2	900	A6S-2101-PH	A6S-2102-PH	700	A6S-2104-PH
3		A6S-3101-PH	A6S-3102-PH	700	A6S-3104-PH
4		A6S-4101-PH	A6S-4102-PH	700	A6S-4104-PH
5		A6S-5101-PH	A6S-5102-PH	800	A6S-5104-PH
6		A6S-6101-PH	A6S-6102-PH	700	A6S-6104-PH
7		A6S-7101-PH	A6S-7102-PH	800	A6S-7104-PH
8		A6S-8101-PH	A6S-8102-PH	700	A6S-8104-PH
9		--- (See note 2.)	A6S-9102-PH	700	A6S-9104-PH
10		--- (See note 2.)	A6S-0102-PH	700	A6S-0104-PH

Note: 1. Order in multiples of the package quantity.

2. Models with a different number of poles than those listed here can also be ordered. For details, consult your OMRON sales representative.

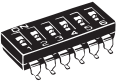
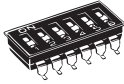
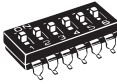
Embossed Taping (Small reel)

Type		Flat actuator		Raised actuator
		Standard	With seal tape	
No. of poles	Quantity per reel			
2	400	--- (See note 2.)	A6S-2102-PMH	--- (See note 2.)
3		A6S-3101-PMH	--- (See note 2.)	--- (See note 2.)
4		A6S-4101-PMH	A6S-4102-PMH	A6S-4104-PMH
6		A6S-6101-PMH	A6S-6102-PMH	A6S-6104-PMH
8		A6S-8101-PMH	A6S-8102-PMH	A6S-8104-PMH
10		A6S-0101-PMH	A6S-0102-PMH	A6S-0104-PMH

Note: 1. Order in multiples of the package quantity.

2. Models with a different number of poles than those listed here can also be ordered. For details, consult your OMRON sales representative.

Embossed Taping (100 pcs reel)

Type		Flat actuator		Raised actuator
		Standard	With seal tape	
No. of poles	Quantity per reel			
1	100	A6S-1101-H-R100	A6S-1102-H-R100	A6S-1104-H-R100
2		A6S-2101-H-R100	A6S-2102-H-R100	A6S-2104-H-R100
3		A6S-3101-H-R100	A6S-3102-H-R100	A6S-3104-H-R100
4		A6S-4101-H-R100	A6S-4102-H-R100	A6S-4104-H-R100
5		A6S-5101-H-R100	A6S-5102-H-R100	A6S-5104-H-R100
6		A6S-6101-H-R100	A6S-6102-H-R100	A6S-6104-H-R100
7		A6S-7101-H-R100	A6S-7102-H-R100	A6S-7104-H-R100
8		A6S-8101-H-R100	A6S-8102-H-R100	A6S-8104-H-R100
9		A6S-9101-H-R100	A6S-9102-H-R100	A6S-9104-H-R100
10		A6S-0101-H-R100	A6S-0102-H-R100	A6S-0104-H-R100

■ Ratings/Characteristics

Rating (resistive load)		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 with insulation tester)
Contact resistance (initial value)		200 m Ω max.
Dielectric strength	Between terminals	500 VAC for 1 min
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.
Washing	Standard models: Not possible, Models with seal tape: Possible, Models with raised actuators: Not possible	
Degree of protection	IEC IP40	
Operating force	0.29 to 9.8 N {30 to 1,000 gf}	
Weight	0.25 g (2 poles) 0.41 g (4 poles) 0.58 g (6 poles) 0.73 g (8 poles) 0.87 g (10 poles)	

■ Dimensions (Unit: mm)

● Flat Actuator

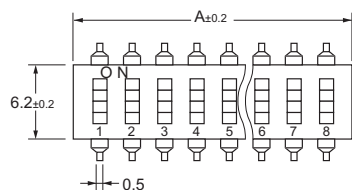
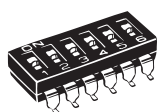
Standard

A6S-□101-H

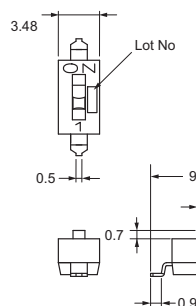
A6S-□101-PH

A6S-□101-PMH

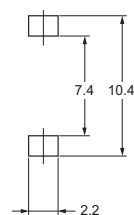
A6S-□101-H-R100



1-pole Switch Dimensions



1-pole PCB Layout



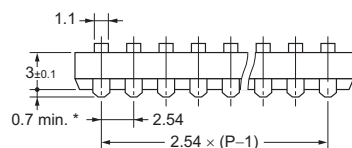
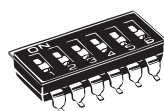
With Seal Tape

A6S-□102-H

A6S-□102-PH

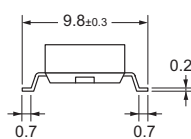
A6S-□102-PMH

A6S-□102-H-R100

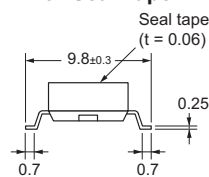


* 1 pole type is 0 to 0.15 mm

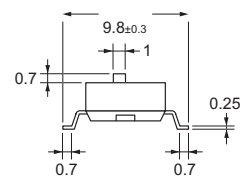
Flat Actuator Standard



Flat Actuator With Seal Tape



Raised Actuator



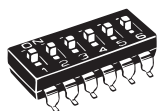
● Raised Actuator

A6S-□104-H

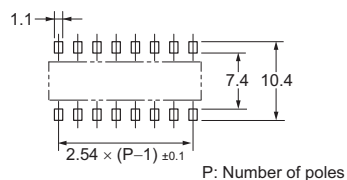
A6S-□104-PH

A6S-□104-PMH

A6S-□104-H-R100



PCB Dimensions (Reference) (Top View)

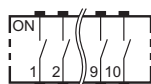


No. of poles	Model			Dimension A
	Flat Actuator		Raised Actuator	
	Standard	With Seal Tape		
1	A6S-1101-H	A6S-1102-H	A6S-1104-H	3.48
2	A6S-2101-H	A6S-2102-H	A6S-2104-H	6.02
3	A6S-3101-H	A6S-3102-H	A6S-3104-H	8.56
4	A6S-4101-H	A6S-4102-H	A6S-4104-H	11.10
5	A6S-5101-H	A6S-5102-H	A6S-5104-H	13.64
6	A6S-6101-H	A6S-6102-H	A6S-6104-H	16.18
7	A6S-7101-H	A6S-7102-H	A6S-7104-H	18.72
8	A6S-8101-H	A6S-8102-H	A6S-8104-H	21.26
9	A6S-9101-H	A6S-9102-H	A6S-9104-H	23.80
10	A6S-0101-H	A6S-0102-H	A6S-0104-H	26.34

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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