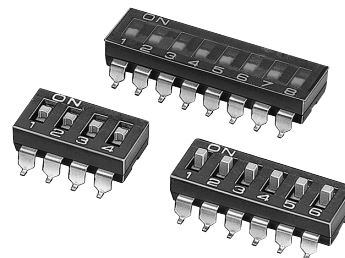


DIP Switch A6S-H

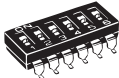
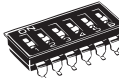
A6S Model Upgraded to Surface-mounting Type with Increased Solder Heat Resistance

- Designed to enable replacement of previous (A6S) model, featuring the same dimensions and improved solder heat resistance (peak solder temperature: 260°C).
- Gold-plated twin contacts and a slide-type, self-cleaning mechanism ensure high reliability.
- Washable models with seal tape available.
- Embossed taping models available for automatic mounting. SQ reel (small reel) also available.
- RoHS Compliant.



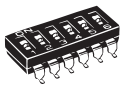
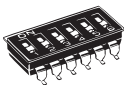
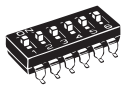
Ordering Information

■ Models in Stick Packages

No. of poles	Quantity per tube	Flat		Raised
		Standard	With seal tape	
				
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	10	A6S-0101-H	A6S-0102-H	A6S-0104-H

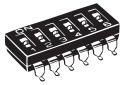
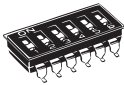
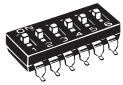
Note: 1) Orders must be made in integral multiples of the quantities given for each stick.
2) Switches cannot be water washed.

■ Models in Embossed Taping Packages (Standard Packing)

No. of poles	Flat				Raised	
	Standard		With seal tape			
						
		Quantity per reel		Quantity per reel		Quantity per reel
1	A6S-1101-PH	800	A6S-1102-PH	800	A6S-1104-PH	800
2	A6S-2101-PH	900	A6S-2102-PH	900	A6S-2104-PH	700
3	A6S-3101-PH		---		---	
4	A6S-4101-PH		A6S-4102-PH		A6S-4104-PH	700
5	---		A6S-5102-PH		A6S-5104-PH	800
6	---		A6S-6102-PH		A6S-6104-PH	700
7	A6S-7101-PH		A6S-7102-PH		---	---
8	A6S-8101-PH		A6S-8102-PH		A6S-8104-PH	700
9	---		A6S-9102-PH		---	---
10	---		A6S-0102-PH		---	---

Note: 1) Orders must be made in integral multiples of the quantities given for each package. Switches are not sold individually.
2) Switches cannot be water washed.

■ Models in Embossed Taping Packages (Small Quantity Reel)

No. of poles	Flat				Raised	
	Standard		With seal tape			
						
		Quantity per reel		Quantity per reel		Quantity per reel
2	---	400	A6S-2102-PMH	400	---	400
3	A6S-3101-PMH		---			
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) Orders must be made in integral multiples of the quantities given for each package. Switches are not sold individually.
2) Switches cannot be water washed.

Specifications

■ Ratings/Characteristics

Switching capacity		25 mA at 24 VDC
Minimum permissible load		10 μ A at 3.5 VDC
Contact resistance		200 m Ω max.
Insulation resistance		100 M Ω min. (at 250 VDC)
Dielectric strength		500 VAC for 1 min. between terminals
Operating force		30 to 1,000 gf (0.3 to 9.8 N)
Vibration resistance	Malfunction durability	10 to 55 Hz, 1.5-mm double amplitude
Shock resistance	Malfunction durability	300 m/s ² min. (Approx. 30G min.)
Life expectancy	Mechanical	1,000 operations min.
	Electrical	1,000 operations min.
Ambient operating temperature		-20°C to 70°C at 60% R.H. max. (with no icing or condensation)
Ambient operating humidity		35% to 90% (at 5 to 35°C)
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)

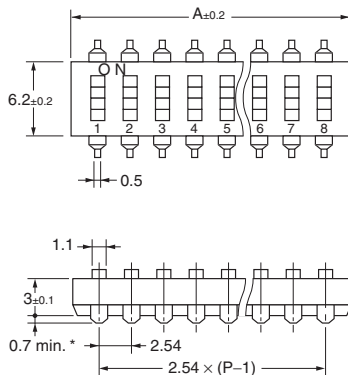
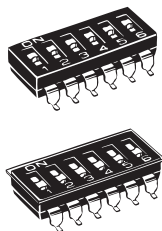
Note: Data shown are of initial value

Dimensions

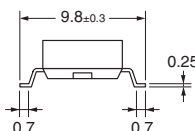
Note: 1. All units are in millimeters unless otherwise indicated.
 2. Unless otherwise specified, a tolerance of ± 0.4 mm applies to all dimensions.

Flat Actuator with SMT Terminal Standard/With Seal Tape

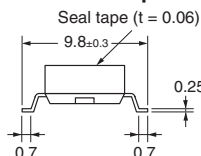
A6S-□101-H
 A6S-□102-H



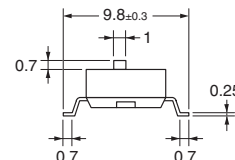
Flat Actuator
Standard



Flat Actuator
With Seal Tape

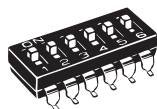


Raised Actuator



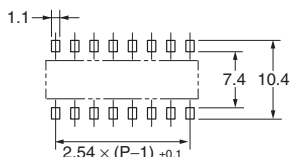
Raised Actuator with SMT Terminal

A6S-□104-H



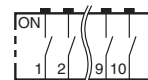
No. of poles	Model			Dimension A
	Flat Actuator		Raised Actuator	
	Standard	With Seal Tape		
1	A6S-1101-H	A6S-1102-H	A6S-1104-H	3.48
2	A6S-2101-H	A6S-2102-H	A6S-2104-H	6.02
3	A6S-3101-H	A6S-3102-H	A6S-3104-H	8.56
4	A6S-4101-H	A6S-4102-H	A6S-4104-H	11.10
5	A6S-5101-H	A6S-5102-H	A6S-5104-H	13.64
6	A6S-6101-H	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

Mounting pads
(top view)



P: pole numbers

Internal connections
(top view)



MEMO

A large grid of dashed lines for taking notes, consisting of 20 columns and 30 rows. A vertical bar is present on the left side of the page.

Omron Electronic Components, LLC

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- Definitions:** The words used herein are defined as follows.
 - Terms:** These terms and conditions
 - Seller:** Omron Electronic Components LLC and its subsidiaries
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 - Products:** Products and/or services of Seller
 - Including:** Including without limitation
- Offer; Acceptance:** These Terms are deemed part of all quotations, acknowledgments, invoices, purchase orders and other documents, whether electronic or in writing, relating to the sale of Products by Seller. Seller hereby objects to any Terms proposed in Buyer's purchase order or other documents which are inconsistent with, or in addition to, these Terms.
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 - Delivery and shipping dates are estimates only; and
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- Claims:** Any claim by Buyer against Seller for shortage or damage to the Products occurring before delivery to the carrier or any claim related to pricing or other charges must be presented in detail in writing to Seller within 30 days of receipt of shipment.

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 - (ii) Energy control systems, combustion systems, railroad systems, aviation systems, medical equipment, amusement machines, vehicles, safety equipment, and installations subject to separate industry or government regulations.
 - (iii) Use in consumer products or any use in significant quantities.
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To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

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