Half-pitch DIP Switch

Ultra-low Profile, Half-pitch, **Surface-mounting DIP Switch**

- Very low profile of 1.55 mm
- Half-pitch (1.27-mm) design allows greater compactness and reduces mounting space by 63%. (compared with conventional models)
- Washable, seal tape models available
- Embossed taping models available
- RoHS Compliant



Ordering Information

	Part numbers									
		Standard	d models		Models with seal tape					
	Tube packaging		Embossed taping packaging		Tube packaging		Embossed taping packaging			
			FASTE		Contractor of the state of the					
Number of poles		Quantity per tube		Quantity per reel		Quantity per tube]	Quantity per reel		
2	A6H-2101	125	A6H-2101-P		A6H-2102	125	A6H-2102-P			
4	A6H-4101	75	A6H-4101-P		A6H-4102	75	A6H-4102-P			
6	A6H-6101	54	A6H-6101-P	4,000	A6H-6102	54	A6H-6102-P	4,000		
8	A6H-8101	40	A6H-8101-P		A6H-8102	40	A6H-8102-P			
10	A6H-0101	33	A6H-0101-P		A6H-0102	33	A6H-0102-P			

Note: 1. Small reels of 500 pieces are also available. Order "-PM" version instead of "-P".

Specifications

■ Characteristics

Switching capacity		25 mA at 24 VDC			
Minimum permissible load		10 μA at 3.5 VDC			
Contact resistance		200 m $Ω$ max.			
Insulation resistance		100 M Ω min. (at 100 VDC)			
Dielectric strength		300 VAC for 1 min between terminals			
Operating force		30 to 500 gf (0.3 to 4.9 N)			
Vibration resistance	Malfunction durability	durability 10 to 55 Hz, 1.5-mm double amplitude			
Shock resistance Malfunction durability		300 m/s ² min.			
Service life	Mechanical	1,000 operations min.			
	Electrical	1,000 operations min.			
Ambient operating temper	ature	-20 to 70°C at 60% RH max. (with no icing or condensation)			
Ambient operating humidi	ty	35% to 95% (at 5 to 35°C)			
Weight		0.06 g (2 poles), 0.09 g (4 poles), 0.12 g (6 poles), 0.15 g (8 poles), 0.18 g (10 poles)			

Note: Data shown are of initial value.

^{2.} Switches cannot be water washed.

Dimensions

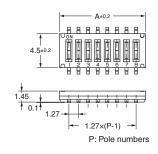
Note: 1. All units are in millimeters unless otherwise indicated.

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

■ Standard

A6H-□101 A6H-□101-P

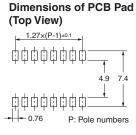




Standard With seal tape

Seal tape (t=0.05)

-0.6



■ With Seal Tape

A6H-□102 A6H-□102-P

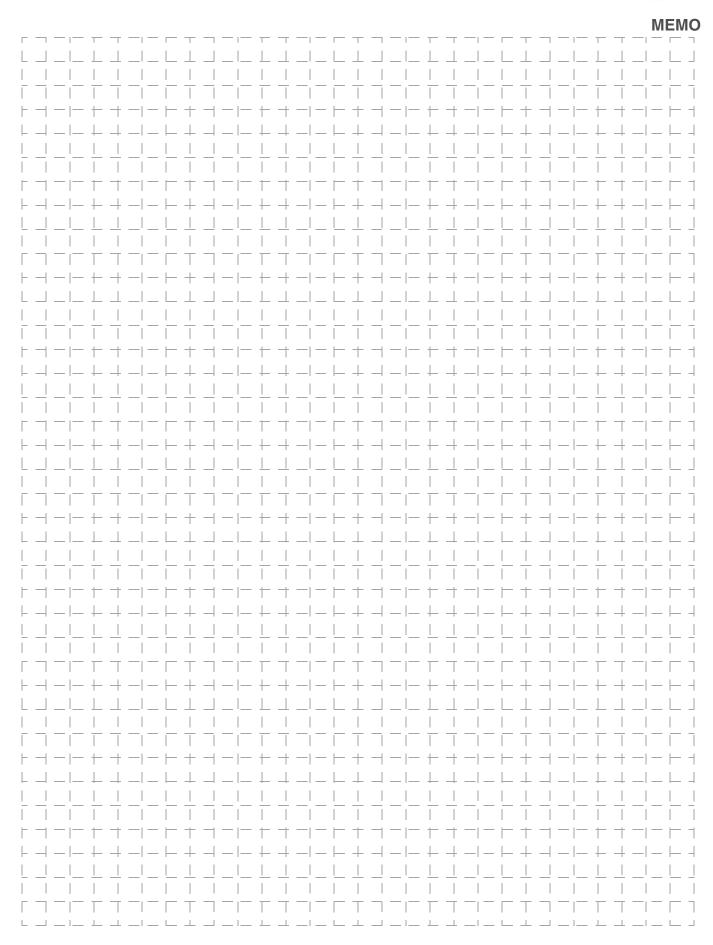


No. of poles	Мо	- Dimension A	
No. of poles	Standard With seal tape		
2	A6H-2101	A6H-2102	3.77
4	A6H-4101	A6H-4102	6.31
6	A6H-6101	A6H-6102	8.85
8	A6H-8101	A6H-8102	11.39
10	A6H-0101	A6H-0102	13.93

Internal connections (top view)



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All sales are subject to Omron Electronic Components LLC standard terms and conditions of sale, which can be found at http://www.components.omron.com/components/web/webfiles.nsf/sales_terms.html

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

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