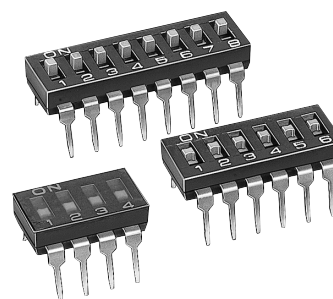


# DIP Switch (Slide Type) A6T

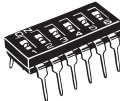
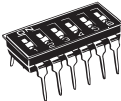
## DIP Switch with Through hole Terminals in a Wide Assortment of Pole Configurations

- Gold-plated twin contacts and a slide-type, self-cleaning mechanism ensure high reliability.
- Washable models with seal tape available.
- The wide product line extends from models with 1 to 10 poles to meet a wide range of needs.
- RoHS Compliant



## Ordering Information

### Models in Stick Packages

No. of poles	Quantity per stick	Flat		Raised
		Standard	With seal tape	
				
1	130	A6T-1101	A6T-1102	A6T-1104
2	76	A6T-2101	A6T-2102	A6T-2104
3	55	A6T-3101	A6T-3102	A6T-3104
4	42	A6T-4101	A6T-4102	A6T-4104
5	35	A6T-5101	A6T-5102	A6T-5104
6	28	A6T-6101	A6T-6102	A6T-6104
7	25	A6T-7101	A6T-7102	A6T-7104
8	22	A6T-8101	A6T-8102	A6T-8104
9	20	A6T-9101	A6T-9102	A6T-9104
10	18	A6T-0101	A6T-0102	A6T-0104

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

## Specifications

### Characteristics

<b>Switching capacity</b>		25 mA at 24 VDC
<b>Minimum permissible load</b>		10 $\mu$ A at 3.5 VDC
<b>Contact resistance</b>		200 m $\Omega$ max.
<b>Insulation resistance</b>		100 M $\Omega$ min. (at 250 VDC)
<b>Dielectric strength</b>		500 VAC for 1 min between terminals
<b>Operating force</b>		30 to 1,000 gf (0.3 to 9.8 N)
<b>Vibration resistance</b>	<b>Malfunction durability</b>	10 to 55 Hz, 1.5-mm double amplitude
<b>Shock resistance</b>	<b>Malfunction durability</b>	300 m/s <sup>2</sup> min. (approx. 30G min.)
<b>Ambient operating temperature</b>		-20°C to 70°C at 60% R.H. max. (with no icing or condensation)
<b>Ambient operating humidity</b>		35% to 90% (at 5 to 35°C)
<b>Life expectancy</b>	<b>Mechanical</b>	1,000 operations min.
	<b>Electrical</b>	1,000 operations min.
<b>Weight</b>		0.26 g (2 poles), 0.44 g (4 poles), 0.62 g (6 poles), 0.79 g (8 poles), 0.96 g (10 poles)

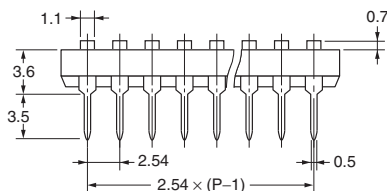
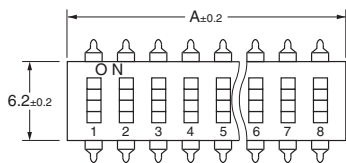
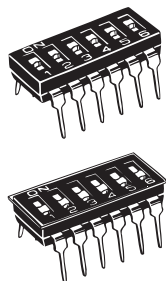
**Note:** Data shown are of initial value

# Dimensions

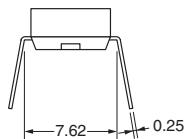
**Note:** 1. All units are in millimeters unless otherwise indicated.  
 2. Unless otherwise specified, a tolerance of  $\pm 0.4$  mm applies to all dimensions.

## Flat Actuator with DIP Terminal Standard/With Seal Tape

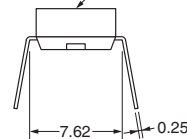
A6T-□101  
 A6T-□102



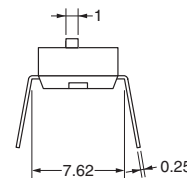
Flat Actuator  
Standard



Flat Actuator  
With Seal Tape  
Seal tape (t = 0.06)

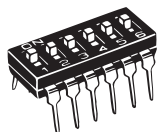


Raised Actuator



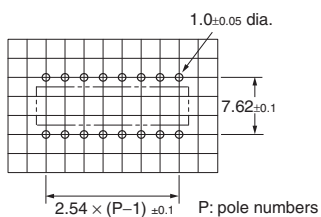
## Raised Actuator with DIP Terminal

A6T-□104

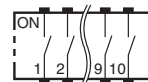


No. of poles	Model			Dimension A
	Flat Actuator		Raised Actuator	
	Standard	With Seal Tape		
1	A6T-1101	A6T-1102	A6T-1104	3.48
2	A6T-2101	A6T-2102	A6T-2104	6.02
3	A6T-3101	A6T-3102	A6T-3104	8.56
4	A6T-4101	A6T-4102	A6T-4104	11.10
5	A6T-5101	A6T-5102	A6T-5104	13.64
6	A6T-6101	A6T-6102	A6T-6104	16.18
7	A6T-7101	A6T-7102	A6T-7104	18.72
8	A6T-8101	A6T-8102	A6T-8104	21.26
9	A6T-9101	A6T-9102	A6T-9104	23.80
10	A6T-0101	A6T-0102	A6T-0104	26.34

Mounting holes  
(top view)



Internal connections  
(top view)



# Omron Electronic Components, LLC

## Terms and Conditions of Sales

### I. GENERAL

- Definitions:** The words used herein are defined as follows.
  - Terms:** These terms and conditions
  - Seller:** Omron Electronic Components LLC and its subsidiaries
  - Buyer:** The buyer of Products, including any end user in section III through VI
  - 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.
- Distributor:** Any distributor shall inform its customer of the contents after and including section III of these Terms.

### II. SALES

- Prices; Payment:** All prices stated are current, subject to change without notice by Seller. Buyer agrees to pay the price in effect at the time the purchase order is accepted by Seller. Payments for Products received are due net 30 days unless otherwise stated in the invoice. Buyer shall have no right to set off any amounts against the amount owing in respect of this invoice.
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- Currencies:** If the prices quoted herein are in a currency other than U.S. dollars, Buyer shall make remittance to Seller at the then current exchange rate most favorable to Seller; provided that if remittance is not made when due, Buyer will convert the amount to U.S. dollars at the then current exchange rate most favorable to Seller available during the period between the due date and the date remittance is actually made.
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- Taxes:** All taxes, duties and other governmental charges (other than general real property and income taxes), including any interest or penalties thereon, imposed directly or indirectly on Seller or required to be collected directly or indirectly by Seller for the manufacture, production, sale, delivery, importation, consumption or use of the Products sold hereunder (including customs duties and sales, excise, use, turnover and license taxes) shall be charged to and remitted by Buyer to Seller.
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- Shipping; Delivery:** Unless otherwise expressly agreed in writing by Seller:
  - All sales and shipments of Products shall be FOB shipping point (unless otherwise stated in writing by Seller), at which point title to and all risk of loss of the Products shall pass from Seller to Buyer, provided that Seller shall retain a security interest in the Products until the full purchase price is paid by Buyer;
  - Delivery and shipping dates are estimates only; and
  - Seller will package Products as it deems proper for protection against normal handling and extra charges apply to special conditions.
- 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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- Suitability:** IT IS THE BUYER'S SOLE RESPONSIBILITY TO ENSURE THAT ANY OMRON PRODUCT IS FIT AND SUFFICIENT FOR USE IN A MOTORIZED VEHICLE APPLICATION. BUYER SHALL BE SOLELY RESPONSIBLE FOR DETERMINING APPROPRIATENESS OF THE PARTICULAR PRODUCT WITH RESPECT TO THE BUYER'S APPLICATION INCLUDING (A) ELECTRICAL OR ELECTRONIC COMPONENTS, (B) CIRCUITS, (C) SYSTEM ASSEMBLIES, (D) END PRODUCT, (E) SYSTEM, (F) MATERIALS OR SUBSTANCES OR (G) OPERATING ENVIRONMENT. Buyer acknowledges that it alone has determined that the Products will meet their requirements of the intended use in all cases. Buyer must know and observe all prohibitions of use applicable to the Product/s.
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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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**OMRON ELECTRONIC  
COMPONENTS LLC**

55 E. Commerce Drive, Suite B  
Schaumburg, IL 60173

**847-882-2288**

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