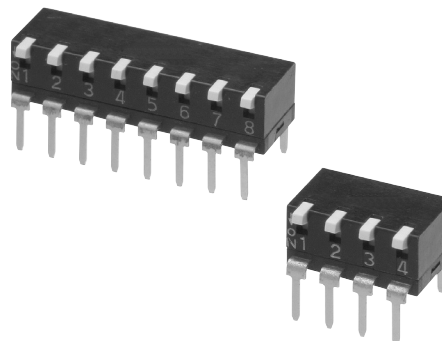


DIP Switch (Piano Type) A6TR

Low-profile Piano DIP Switches with a Standard Pitch of 2.54 mm for End-stackable Mounting.

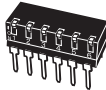
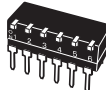
- Low-profile design with a height of only 5 mm and a 2.54-mm pitch.
- Models available with 2, 4, 6, 8, or 10 poles.
- Gold-plated twin contacts with slide-type self-cleaning mechanism for high reliability.
- RoHS Compliant



Application

- Mode setting of MPU
- Modem
- Controller of servo motor
- Coin changer
- Program controller

Ordering Information

| No. of poles | Quantity per tube | Tube packaging | |
|--------------|-------------------|---|--|
| | | Short lever | Long lever |
| 2 | 95 |  A6TR-2101 |  A6TR-2104 |
| 4 | 47 | A6TR-4101 | A6TR-4104 |
| 6 | 31 | A6TR-6101 | A6TR-6104 |
| 8 | 23 | A6TR-8101 | A6TR-8104 |
| 10 | 18 | A6TR-0101 | A6TR-0104 |

Note: Order in multiples of the quantities given for each package.

Specifications

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 | | 30.5 to 795 gf (0.3 to 7.8 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.) |
| Service life | Electrical | 1,000 operations min. |
| Ambient operating temperature | | -20 to 70°C at 60% RH max. (with no icing or condensation) |
| Ambient operating humidity | | 35% to 95% (at 5 to 35°C) |
| Weight | | 0.25 g (2 poles), 0.50 g (4 poles), 0.76 g (6 poles), 1.02 g (8 poles), 1.28 g (10 poles) |

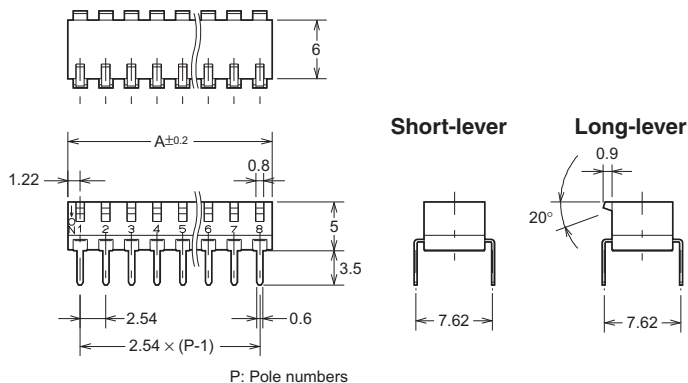
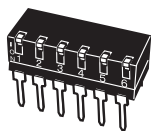
Note: Data shown are of initial value

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.

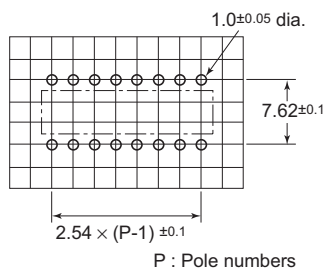
Through hole terminal Short lever / Long lever

A6TR-□101
A6TR-□104

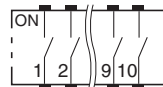


| No. of poles | Model | | Dimension A |
|--------------|-------------|------------|-------------|
| | Short lever | Long lever | |
| 2 | A6TR-2101 | A6TR-2104 | 4.98 |
| 4 | A6TR-4101 | A6TR-4104 | 10.06 |
| 6 | A6TR-6101 | A6TR-6104 | 15.14 |
| 8 | A6TR-8101 | A6TR-8104 | 20.22 |
| 10 | A6TR-0101 | A6TR-0104 | 25.30 |

Mounting holes (top view)



Internal connections (top view)



Omron Electronic Components, LLC

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 - Delivery and shipping dates are estimates only; and
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