

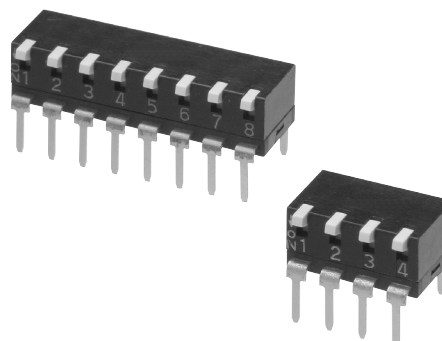
DIP Switch (Piano Type) A6TR

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

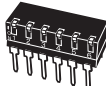
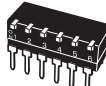
- Low-profile design with a height of only 5 mm and a 2.54-mm pitch.
- Models available with 2, 4, 6, 8, or 10 poles.
- Gold-plated twin contacts with slide-type self-cleaning mechanism for high reliability.
- RoHS Compliant

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

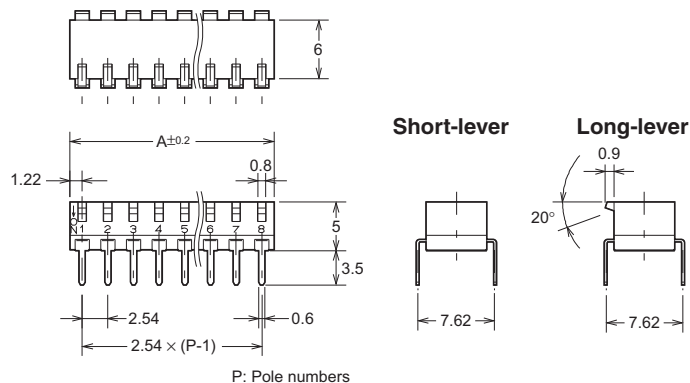
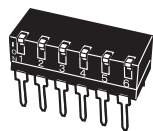
Dimensions

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

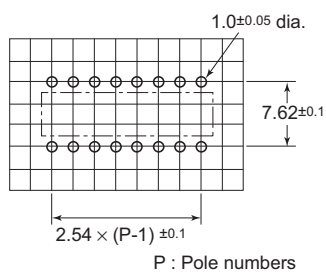
A6TR-□101

A6TR-□104

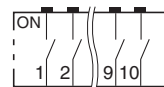


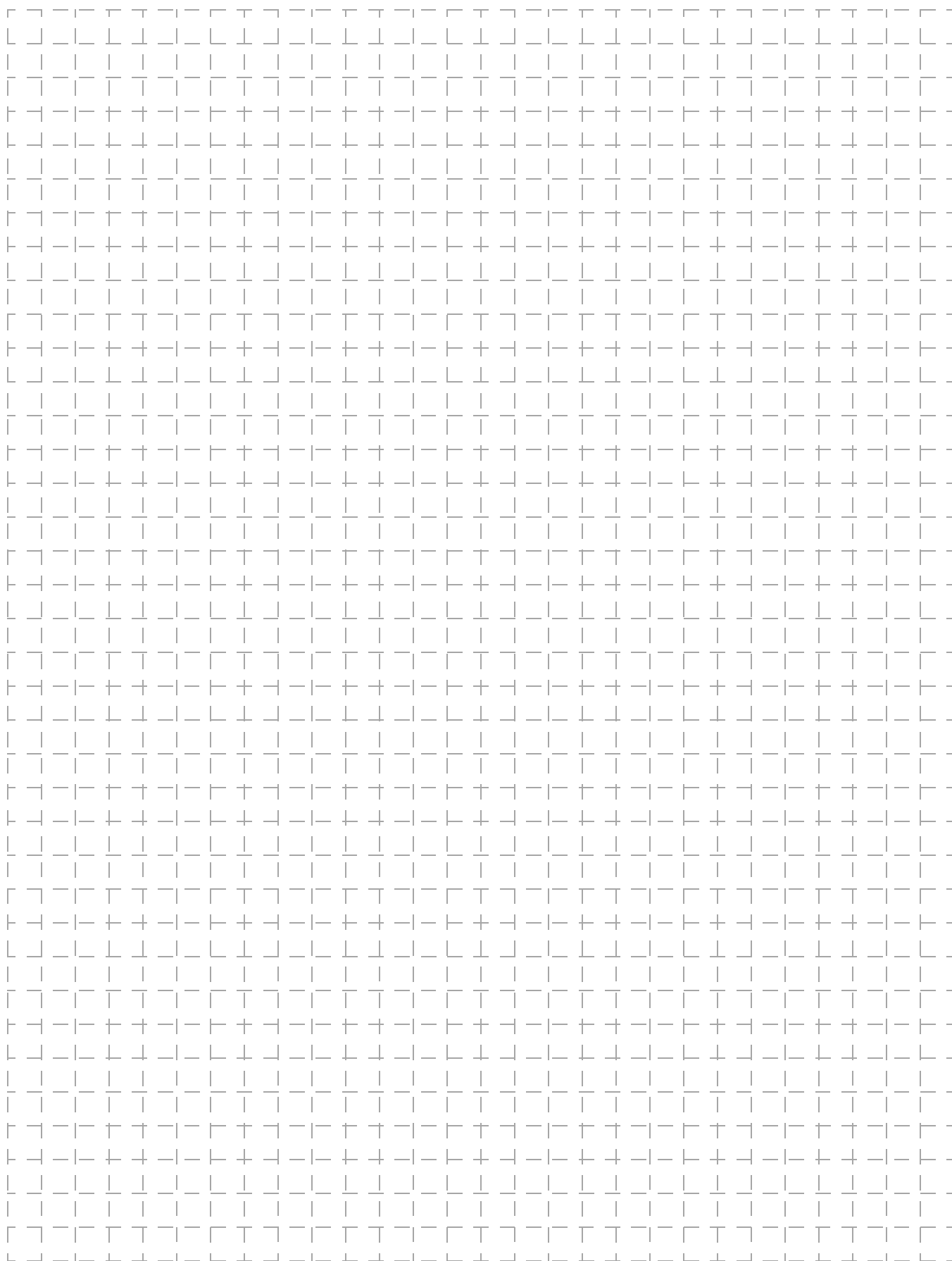
No. of poles	Model		Dimension A
	Short lever	Long lever	
2	A6TR-2101	A6TR-2104	4.98
4	A6TR-4101	A6TR-4104	10.06
6	A6TR-6101	A6TR-6104	15.14
8	A6TR-8101	A6TR-8104	20.22
10	A6TR-0101	A6TR-0104	25.30

Mounting holes (top view)



Internal connections (top view)





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.

OMRON[®]

**OMRON ELECTRONIC
COMPONENTS LLC**

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

847-882-2288

OMRON ON-LINE

Global - <http://www.omron.com>

USA - <http://www.components.omron.com>

Cat. No. X303-E-1

11/10

Specifications subject to change without notice

Printed in USA

DIP Switch (Piano Type) **A6TR**