

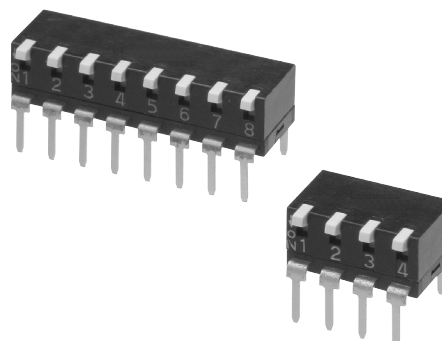
DIP Switch (Piano Type) A6TR

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

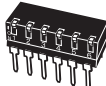
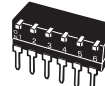
- Low-profile design with a height of only 5 mm and a 2.54-mm pitch.
- Models available with 2, 4, 6, 8, or 10 poles.
- Gold-plated twin contacts with slide-type self-cleaning mechanism for high reliability.
- RoHS Compliant

Application

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



Ordering Information

		Tube packaging	
		Short lever	Long lever
No. of poles	Quantity per tube		
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

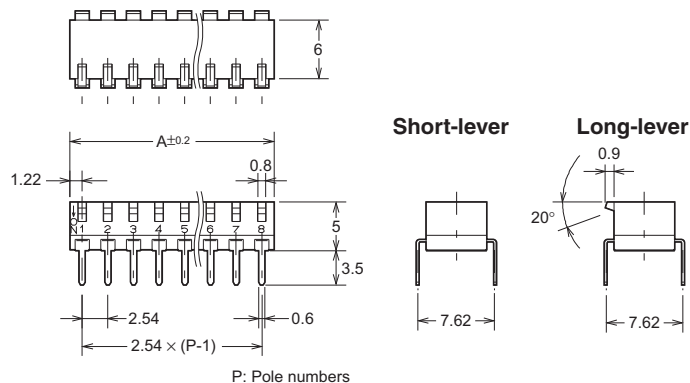
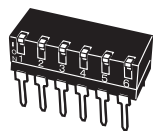
Dimensions

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

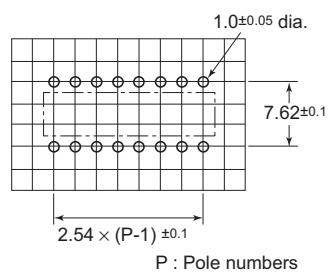
A6TR-□101

A6TR-□104

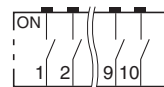


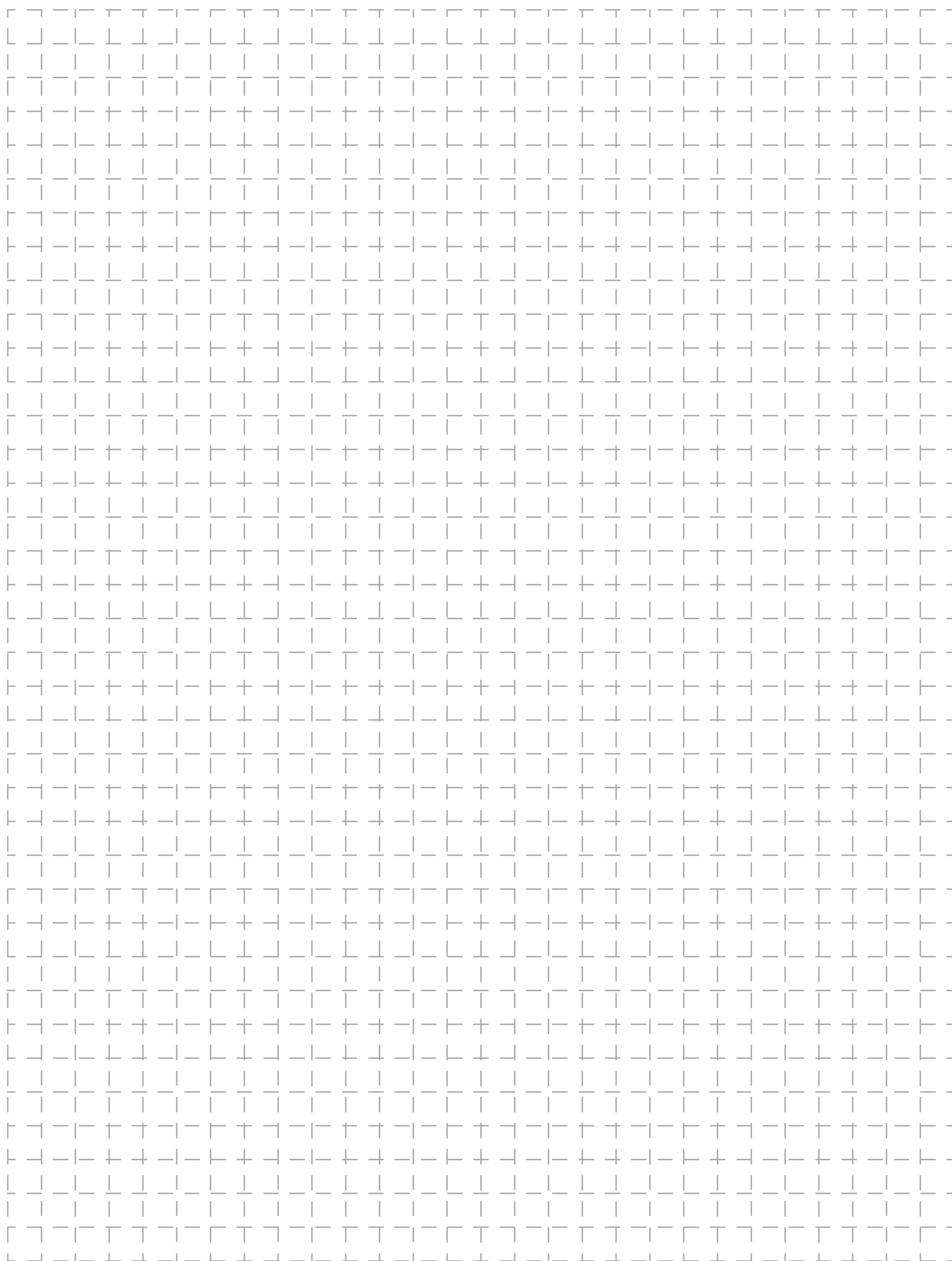
No. of poles	Model		Dimension A
	Short lever	Long lever	
2	A6TR-2101	A6TR-2104	4.98
4	A6TR-4101	A6TR-4104	10.06
6	A6TR-6101	A6TR-6104	15.14
8	A6TR-8101	A6TR-8104	20.22
10	A6TR-0101	A6TR-0104	25.30

Mounting holes (top view)



Internal connections (top view)





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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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[A6TR-8104](#)