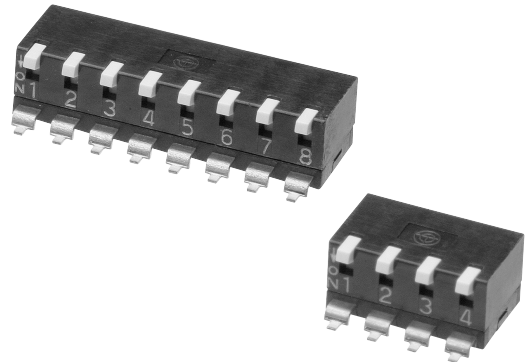

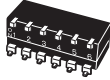
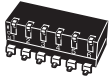



### Standard Surface Mounting Piano DIP Switches

- Low-profile design with a height of only 5 mm and a 2.54-mm pitch for continuous mounting.
- Gold-plated twin contacts ensure high reliability.
- Embossed 100 pcs reel type is recommended for flexible demand.



### ■List of Models

No. of poles	Quantity per tube	Type	Short actuator	Long actuator	Short actuator		Long actuator		
									
			Tube packaging				Embossed taping		
				Standard (700 pcs)	100 pcs reel (100 pcs)	Standard (700 pcs)	100 pcs reel (100 pcs)		
2	95		<b>A6SR-2101</b>	<b>A6SR-2104</b>	<b>A6SR-2101-P</b>	<b>A6SR-2101-R100</b>	<b>A6SR-2104-P</b>	<b>A6SR-2104-R100</b>	
4	47		<b>A6SR-4101</b>	<b>A6SR-4104</b>	<b>A6SR-4101-P</b>	<b>A6SR-4101-R100</b>	<b>A6SR-4104-P</b>	<b>A6SR-4104-R100</b>	
6	31		<b>A6SR-6101</b>	<b>A6SR-6104</b>	<b>A6SR-6101-P</b>	<b>A6SR-6101-R100</b>	<b>A6SR-6104-P</b>	<b>A6SR-6104-R100</b>	
8	23		<b>A6SR-8101</b>	<b>A6SR-8104</b>	<b>A6SR-8101-P</b>	<b>A6SR-8101-R100</b>	<b>A6SR-8104-P</b>	<b>A6SR-8104-R100</b>	
10	18		<b>A6SR-0101</b>	<b>A6SR-0104</b>	<b>A6SR-0101-P</b>	<b>A6SR-0101-R100</b>	<b>A6SR-0104-P</b>	<b>A6SR-0104-R100</b>	

**Note:** Orders must be made in integral multiples of the quantities given for each tube. Switches are not sold individually.

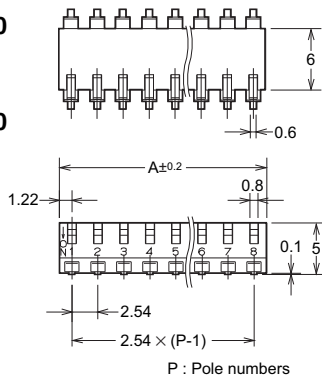
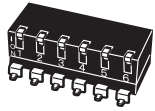
### ■Ratings/Characteristics

<b>Rating (resistive load)</b>		25 mA at 24 VDC 10 $\mu$ A (minimum current) at 3.5 VDC
<b>Ambient operating temperature</b>		-20 to +70°C at 60% max. (with no icing or condensation)
<b>Ambient operating humidity</b>		35% to 95% (at +5 to +35°C)
<b>Insulation resistance</b>		100 M $\Omega$ min. (at 250 VDC with insulation tester)
<b>Contact resistance (initial value)</b>		200 m $\Omega$ max.
<b>Dielectric strength</b>	<b>Between terminals</b>	500 VAC for 1 min
<b>Vibration resistance</b>	<b>Malfunction</b>	10 to 55 Hz, 1.5-mm double amplitude
<b>Shock resistance</b>	<b>Malfunction</b>	300 m/s <sup>2</sup> min.
<b>Durability</b>	<b>Electrical</b>	1,000 operations min.
<b>Washing</b>		Not possible
<b>Degree of protection</b>		IEC IP40
<b>Operating force</b>		0.29 to 7.8 N {30 to 795 gf}
<b>Weight</b>		0.24 g (2 poles), 0.48 g (4 poles), 0.73 g (6 poles), 0.97 g (8 poles), 1.22 g (10 poles)

**Dimensions** (Unit: mm)

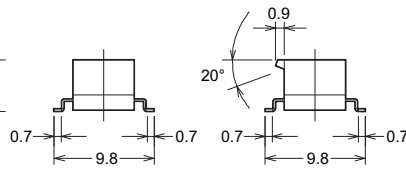
● Short actuator / Long actuator

- A6SR-□101
- A6SR-□101-P
- A6SR-□101-R100
- A6SR-□104
- A6SR-□104-P
- A6SR-□104-R100

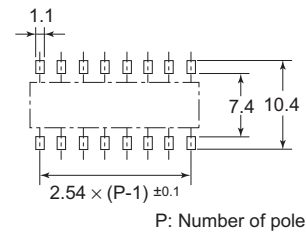


Short actuator

Long actuator



Dimensions of PCB Pad (Reference) (Top View)

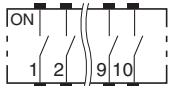


No. of poles	Model		Dimension A
	Short actuator	Long actuator	
2	A6SR-2101	A6SR-2104	4.98
4	A6SR-4101	A6SR-4104	10.06
6	A6SR-6101	A6SR-6104	15.14
8	A6SR-8101	A6SR-8104	20.22
10	A6SR-0101	A6SR-0104	25.30

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

**Internal Connections**

Contact Form (Top View)



**Precautions**

Be sure to read the Safety precautions common to all DIP Switches for correct use.

Please check each region's Terms & Conditions by region website.

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