

Low-profile Master Slide Potentiometer (Slim Type)

RS□□N□□S Series

The thinnest possible body promotes reduction in size, height and weight.

- Rotary Potentiometers
- Slide Potentiometers**
- Trimmer Potentiometers
- Multi Control Devices
- Position Sensors



- General-use
- Mixer**

Features

- Soft, comfortable feel and improved operability.
- The compact, space-saving design enables a small, light-weight set product.
- Allows the maximum attenuation of 110dB. (The total resistance value is 10k Ω min.)

Applications

- Faders for mixers.

Typical Specifications

Items	Specifications
Total resistance tolerance	$\pm 20\%$
Maximum operating voltage	350V AC, 20V DC
Operating force	0.05 to 0.8 N
Operating life	30,000 cycles
Operating temperature range	-10°C to $+60^{\circ}\text{C}$

Recommended Products List

Number of resistor elements	Travel (mm)	Products No.	Lever type	Length of lever (mm)	Total resistance (k Ω)	Resistance taper	Terminal style	Minimum packing unit (pcs.)	Drawing No.
Single-unit	60	RS60N11S4003	4	20	10k Ω	1B	For PC board	100	1
	100	RSA0N11S9002	9-T (T-Bar)	8.2					2

Note

Additional product specifications in response to those not included in the above recommended products are also available.

For product specifications, see P.141
 For details of lever types, see P.141
 For other detailed specifications, see P.154

Product Specifications

In addition to the recommended products, the following specifications can also be accommodated.

Low-profile Master Slide Potentiometer (Slim Type) Specifications

Type	Travel (mm)	Model	Dust cover	Terminal
Single-unit	60	RS60N11S	Available	For PC board Lead
	100	RSA0N11S		

Lever types

Unit : mm

Configuration code	1	4	9-T (T-Bar)
Dimensions	<p>t=1.2</p>	<p>t=1.2</p>	<p>t=1.2</p>

Electrical Characteristics

Total resistance ($k\Omega$)	10, 50, 100, 250
Total resistance tolerance	$\pm 20\%$
Resistance taper	15A, 1B, 15C, 10A

Note

Additional product specifications not included in the above list are also available. Contact us for details.

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Orders other than for recommended products

Specify orders for varieties that are not listed in the Recommended Product List, referring to the following example.

Sample parts number



Travel

60	60mm
A0	100mm

Number of resistor elements

Single	1
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Type of operation unit

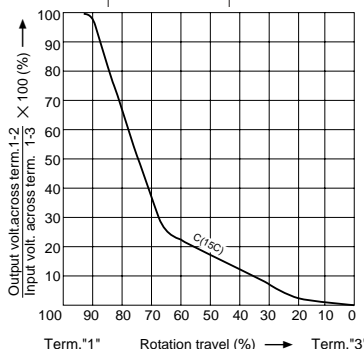
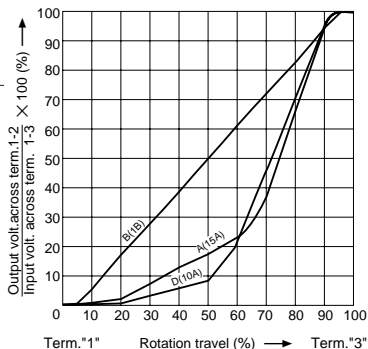
See page P141.

1 : 01、4 : 04、9-T : 9T
(T-Bar)

For "9-T", omit "-" (hyphen) when making the entry.

Resistance taper

Code	Resistance taper
A	15A
B	1B
C	15C
D	10A



Total resistance

Code	Total resistance (kΩ)	Code	Total resistance (kΩ)
103	10	104	100
503	50	254	250

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Dimensions

Unit : mm

No.	Style	PC board mounting hole dimensions
1		
2		

Resistance Taper

[Resistance Taper]

With the shaft (lever) placed in the specified position, resistance taper shall be determined by measuring the voltage between the specified terminals (between terminals 1 and 2 or between terminals 2 and 3) and calculating the percentage in reference to the voltage between terminals 1 and 3.

Reference: Standard resistance tapers in reference to rotational angles (travels) are as shown below.

