

Slide Potentiometers for Fader Control of Mixers Low-profile Master Type (Super Y Fader)

RS6011□Y Series



Compact and good operational feel, suitable for mixing console faders.

Rotary Potentiometers
Slide Potentiometers



Typical Specifications

Items	Specifications
Total resistance tolerance	±20%
Maximum operating voltage	150V AC
Operating force	0.1 to 2.0N
Operating life	30,000cycles
Operating temperature range	-10°C to +60°C

General-use
Mixer

Product Line

Number of resistor elements	Travel (mm)	Lever type	Length of lever (mm)	Total resistance (kΩ)	Resistance taper	Minimum packing unit (pcs.)	Products No.
Single-unit	60	6	15	10	1B	900	RS6011SY6006
				20			RS6011SY6008
10				15A	RS6011DY6019		
20					RS6011DY6009		

Packing Specifications

Tray

Number of packages (pcs.)		Export package measurements (mm)
1 case /Japan	1 case /export packing	
900	900	373×529×273

Dimensions

Unit:mm

Style	PC board mounting hole dimensions
	<p>The RS6011SY uses lug terminals for terminals 1' 2' 3'.</p>

Note

1. Products other than those listed in above products are also available. Please contact us for details.
2. Please place purchase orders per minimum order unit N (integer).

Refer to P.438 for product varieties.
Refer to P.438 for details of lever types.
Refer to P.438, 439, 456 for resistance taper.

Product Varieties

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

Total Resistance Variety

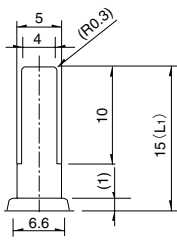
Total resistance (kΩ)	10	20	50
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Resistance Taper

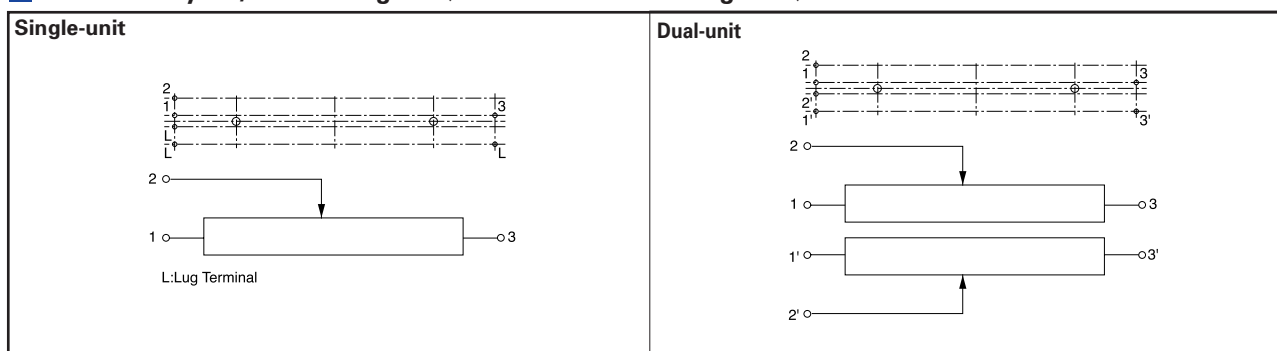
Resistance taper	15A	1B	10A
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Lever Types

Unit:mm

Configuration code	6 (Metal lever)
Dimensions	
Length L ₁	15

Terminal Layout/Circuit Diagram (Viewed from Mounting Side)



Corresponding Specifications

Dust cover	Available
Mounting plate	Available

Notes

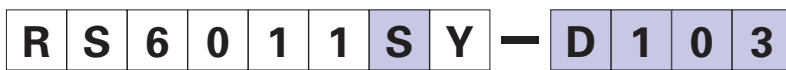
1. marked are specifications recommended by ALPS.
2. Products other than those listed in the above list are also available. Please contact us for details.

Refer to P.439, 456 for resistance taper.

Orders Other Than Recommended Products

When ordering product varieties that are not listed in the Product Line, please specify by referring to the below example.

Sample Part Number

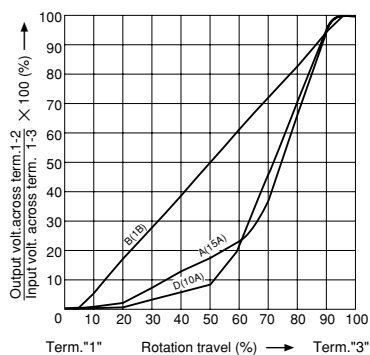


Number of resistor elements

Single-unit	S
Dual-unit	D

Resistance taper

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



Total resistance







Code	Total resistance (kΩ)
103	10
203	20
503	50

Rotary Potentiometers
Slide Potentiometers

General-use

Mixer

List of Varieties

Item	Master type		Low-profile master type				Motor-driven master type					
	RS□□K□□		RS□□N1		RS□□N11S		RS6011□Y		RSA0K1□V		RS□□N1□M	
Photo												
Outlined specifications	Travel (mm)		60 (RS60N11) 100 (RSA0N11) 100 (RSA0N12)		60 (RS60N11S) 100 (RSA0N11S)		60 (RS6011SY) 60 (RS6011DY)		100 (RSA0K11V)		60 (RS60N11M) 100 (RSA0N11M)	
	Number of resistor elements		Single-unit	Dual-unit	Single-unit	Dual-unit	Single-unit		Dual-unit	Single-unit (CP type)		Single-unit
Electrical Performance	Total resistance (kΩ)		10, 50, 100, 250		RS□□N1 : 10, 50, 100, 250 RS□□N11S : 10, 50, 100, 250 RS6011□Y : 10, 20, 50				RS□□N1□M : 10, 50, 100, 250 RSA0K1□V : 10			
	Resistance taper		15A, 1B		RS□□N1 : 15A, 1B, 10A RS□□N1□S : 15A, 1B, 10A RS6011□Y : 15A, 1B, 10A				Single-unit : 1B Dual-unit : Servo 1B Audio 15A, 1B, 10A			
Mechanical Performance	Operating force		Standard : 0.1 to 0.6N		RS□□N1□ Single-unit : 0.05 to 0.8N Dual-unit : 0.05 to 0.9N RS6011□Y 0.1 to 2.0N RS□□N11S 0.05 to 0.8N				RS□□N1□M 0.3 to 1.3N RSA0K1□V, Single-unit : 0.15 to 0.65N			
	Stopper strength		100N									
	Lever push-pull strength		100N		50N							
	Lever deviation (mm) ※Both Side		$\frac{2(2 \times L)}{25}$									
	Lever deviation		0.5mm max. (One side)									
Soldering	Manual soldering		350°C max. 3s max.									
	Dip soldering		—		260°C max. 5s max. RS□□N1□M (Lead type) , RSA0K1□V : not available							
Environmental Performance	Cold		-30±2°C for 96h									
	Dry heat		70±2°C for 240h									
	Damp heat		40±2°C, 90 to 95%RH for 96h									
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● Slide Volume Control Operations Cautions446, 447

Notes

1. Attenuation is specified for residual resistance.
2. "L" in the "Lever Wobble" column of the above table indicates the length of lever.
3. Products other than those listed in the above list are also available. Please contact us for details.