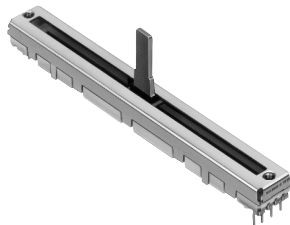


RS6011 ☐ P Series



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

NEW



■ 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℃ to +60℃

Rotary Potentiometers

Slide Potentiometers

Product Line

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	RS6011SP6003
				20	15A		RS6011SP6004
Dual-unit				10			RS6011DP6002
				20	RS6011DP6003		

General-use

Mixer

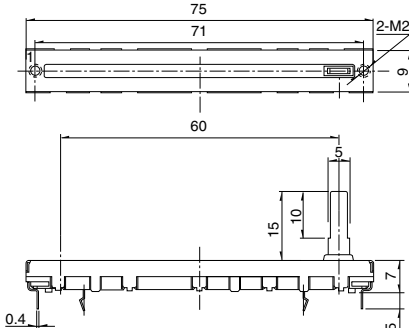
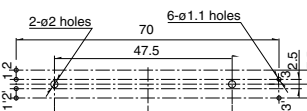
Packing Specifications

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
	 The RS6011SP uses lug terminals for terminals 1' 2' 3'.

Notes

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.457** for product varieties.
Refer to **P.457** for details of lever types.
Refer to **P.457, 458, 470** for resistance taper.

Product Varieties

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

Total Resistance Variety

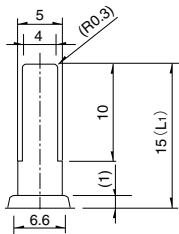
Total resistance (kΩ)	10	20	50
-----------------------	----	----	----

Resistance Taper

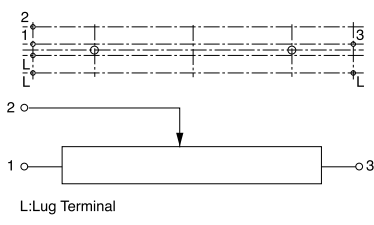
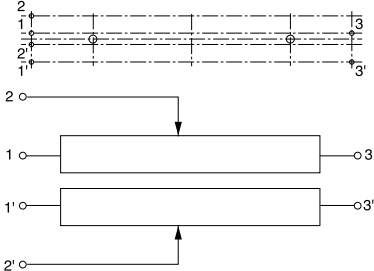
Resistance taper	15A	1B	10A
------------------	-----	----	-----

Lever Types

Unit:mm

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

Terminal Layout/Circuit Diagram (Viewed from Mounting Side)

Single-unit	Dual-unit
	

Corresponding Specifications

Dust cover	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.
- 3. A variety of operational feels are available, so please inquire if you have a request.

Refer to P.458, 470 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

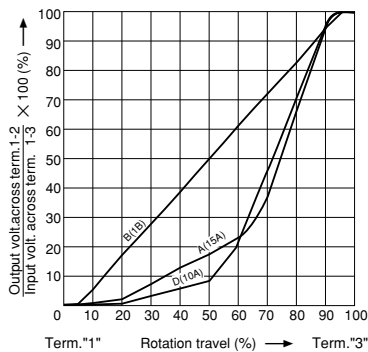
R S 6 0 1 1 S P — B 1 0 3

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 (k Ω)
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□P		RSA0K1□V		RS□□N1□M	
Photo													
Outlined specifications	Travel (mm)	60 100						60		100		60 100	
	Number of resistor elements	Single-unit	Dual-unit	Single-unit	Dual-unit	Single-unit		Dual-unit	Single-unit	Dual-unit	(CP type)		Single-unit
Electrical Performance	Total resistance (kΩ)	10, 50, 100		RS□□N1 : 10, 50, 100, 250 RS□□N11S : 10, 50, 100, 250 RS6011□P : 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□P : 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□P 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 Dual-unit : 0.25 to 0.9N					
	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											
Page		445		449		453		456		459			

Rotary Potentiometers

Slide Potentiometers

General-use

Mixer

● Slide Volume Control Operations Cautions.....465, 466

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ALPS:](#)

[RS6011DP6002](#) [RS6011DP6003](#) [RS6011SP6004](#)