

LSVA Series

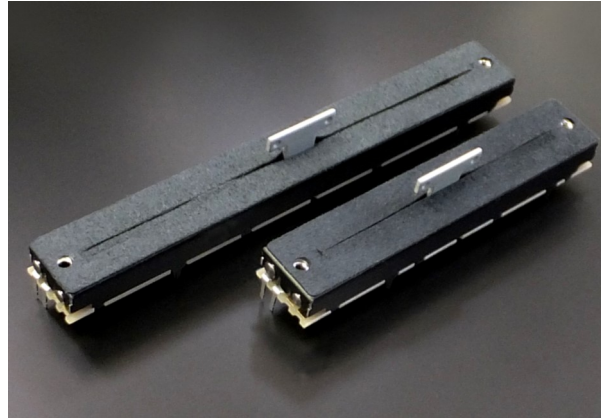
PROFADER™

Direct print resistance board

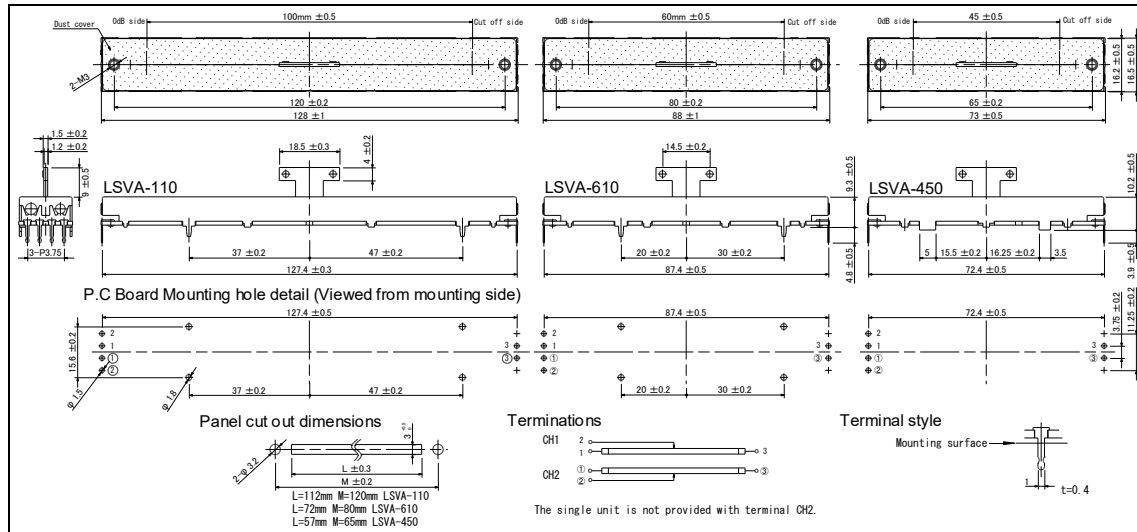
Long sliding life

3 kinds of stroke length

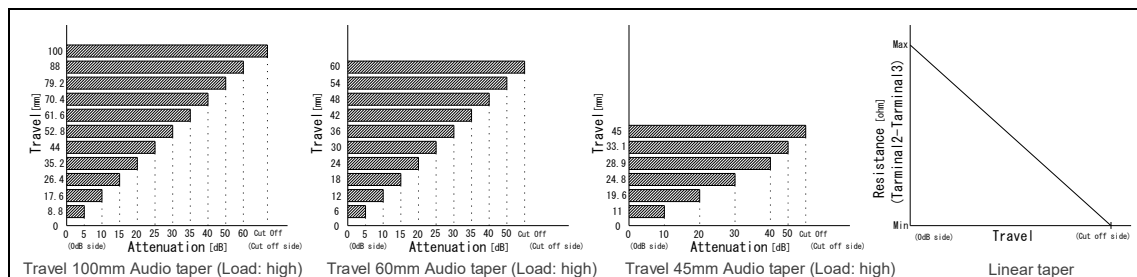
100mm, 60mm, 45mm



Dimensions



Output Law



Model number

2 Number of circuit
Blank: single circuit
2: 2circuits

LSVA-110 Product type
LSVA-110: 100mm
LSVA-610: 60mm
LSVA-450: 45mm

0 Torque
0: Normal torque
1: High torque

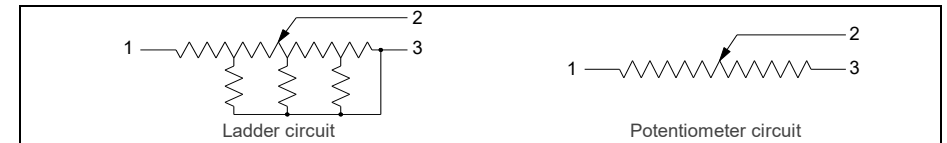
D Dust cover

- B Taper
Blank: Audio taper
B: Linear taper

10K Total resistance

* Only high torque type with CP-2 is applicable for the vertical use.

Circuit method



Electrical specifications

	LSVA-xxxxD	2LSVA-xxxxD	LSVA-xxxxD-B	2LSVA-xxxx-DB
Circuit (Unbalanced)	1	2	1	2
Total resistance (1-3)	5k, 10kohm			
Total resistance tolerance	±20%			
Taper	Audio (Ladder circuit)		Linear (Potentiometer circuit)	
Linearity	-		±5%	
Residual resistance	-		50ohm or less	
Attenuation accuracy (Load: high)	0~20dB: ±3.0dB		-	
Matching accuracy	-		0~20dB: 3.0dB	
Insertion loss	0.5dB or less		-	
Cut off (15kHz)	95dB Min.		-	
Voltage proof	1 Min. at AC500V			
Insulation resistance	50Mohm or more at DC250V			
Max rating	DC20V			
Sliding noise level	47mV or less (by JIS C 6443)			
Sliding life	100,000 Cycles Min. (18cycles/min, Sliding noise level: Less than 100mV)			

Mechanical specifications

	LSVA-1100 Series	LSVA-6100 Series	LSVA-4500 Series
Stroke length	100mm±0.5mm	60mm±0.5mm	45mm±0.5mm
Operating force	0~0.1N (Normal torque), 0.1~0.3N (High torque)		
Strength of Nut-Attached	100Ncm		
Attached Parts	M3 screw (Length: Panel thickness + 3mm)		
Stopper strength	30N		
Push-pull strength	30N		

General specifications

	LSVA Series
Temp.range	-10 to +70 deg C (Operating), -15 to +75 deg C (Storage)
Relative humidity	90%RH (No condensation)

Note

- * Solder heat resistance: 350deg C max, 5sec max, 2 times. (Manual soldering only)
- * Please take care during soldering that the smoke from the solder does not flow inside a fader.
- * If the flux sticks to a resistor board, it may cause a trouble with the fader.
- * Move to one end in Control-bar on the occasion of knob wearing, and can break into it slowly.
- * It is highly recommended that the fault tolerant system is to be set up in the big situation like the live broadcast.