

LSVA Series

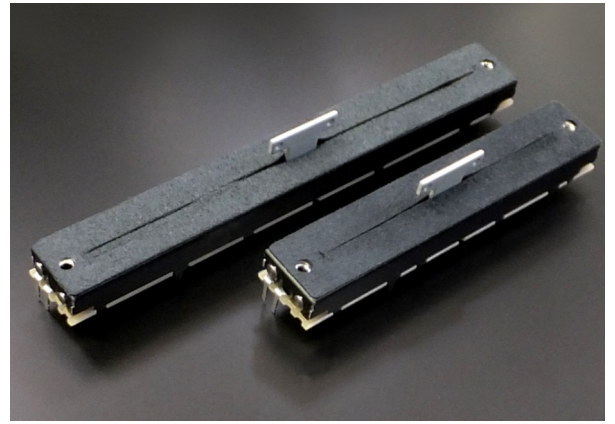
PROFADER™

Direct print resistance board

Special surface treatment (Long sliding life)

3 kinds of stroke length

100mm, 60mm, 45mm

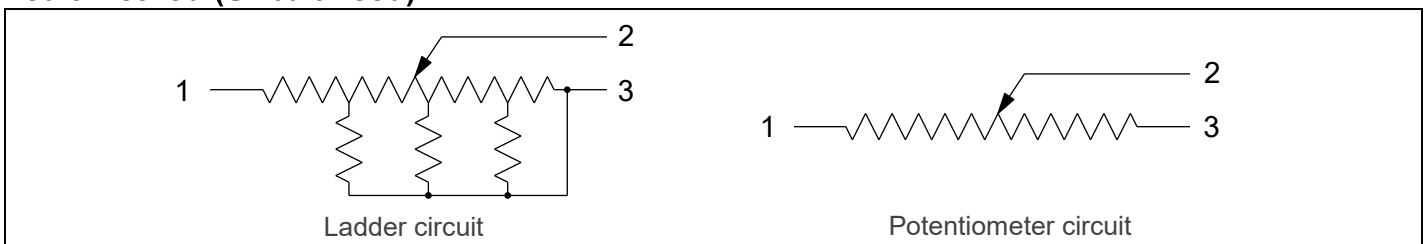


Model number

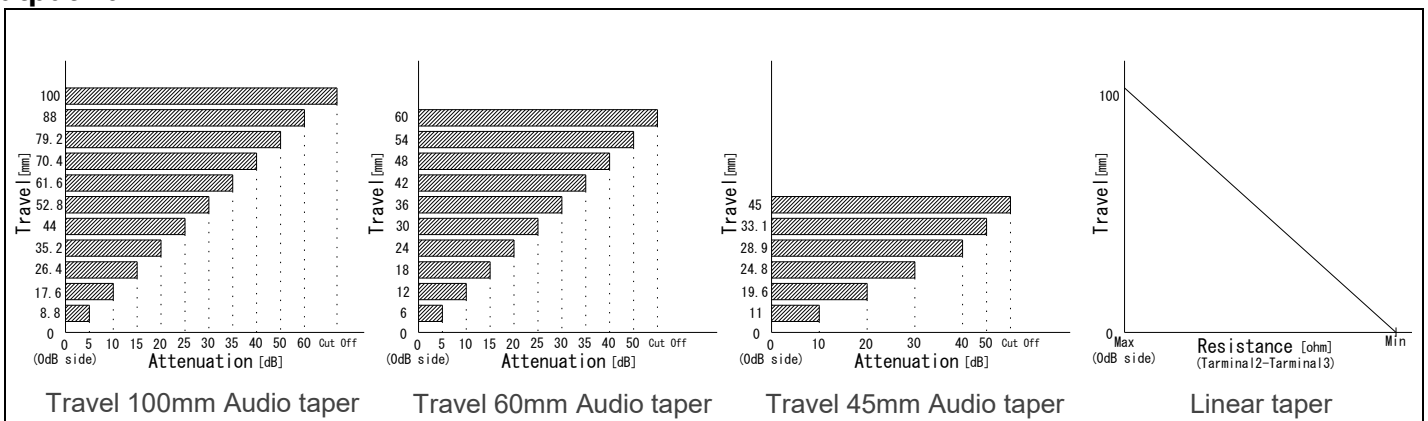
2 **LSVA-110** **0** **D** - **B** **10K**
 *1 *2 *3 *4 *5 *6

*1	Number of circuit	Blank: Single circuit 2: Two circuits
*2	Product number and Travel	LSVA-110: 100mm LSVA-610: 60mm LSVA-450: 45mm
*3	Operating force	0: Standard 1: High operating force *Only "High type" with CP-1 or CP-2 is applicable for the vertical use.
*4	Dust cover	Blank: Without D: With
*5	Output law (Please see figure of output law.)	Blank: Audio taper B: Linear taper
*6	Total resistance	10K: 10kohm

Circuit method (Unbalanced)



Output Law



Electrical specifications

	LSVA-****	2LSVA-****	LSVA-****-B	2LSVA-****-B
Circuit (Unbalanced)	1	2	1	2
Total resistance (1-3)	10kohm			
Total resistance tolerance	±20%			
Taper	Audio taper (Ladder circuit)		Linear taper (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 (0.1W)			
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 (Standard), 0.1~0.4N (High operating force)		
Strength of Nut-Attached	100Ncm		
Attached Parts	M3 screw (Length: Panel thickness + 3mm)		
Stopper strength	30N		
Push-pull strength	30N		
Alignment to the center	±0.5mm (State not to pressure control-bar, Measurement position: Mounting surface)		

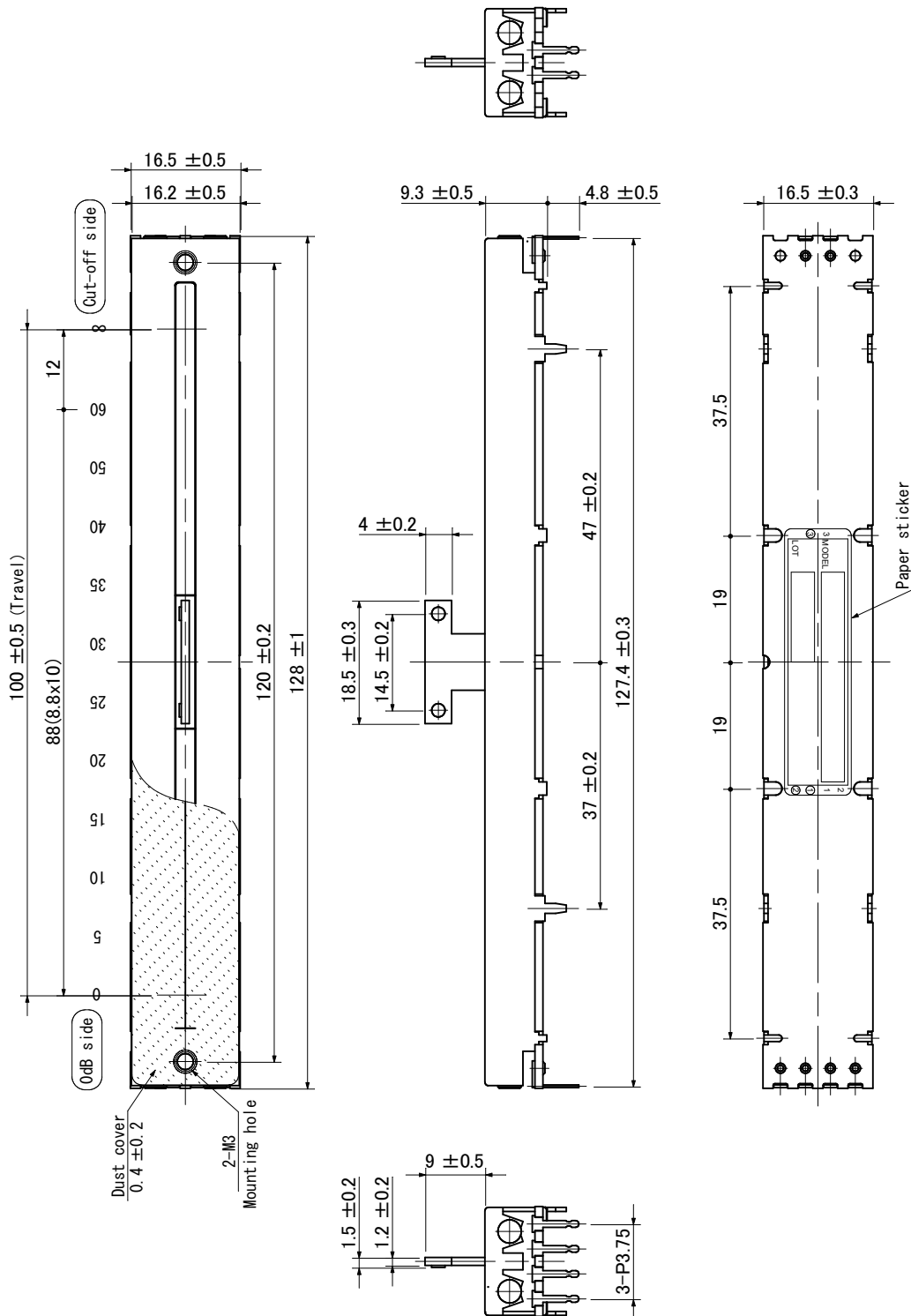
General specifications

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

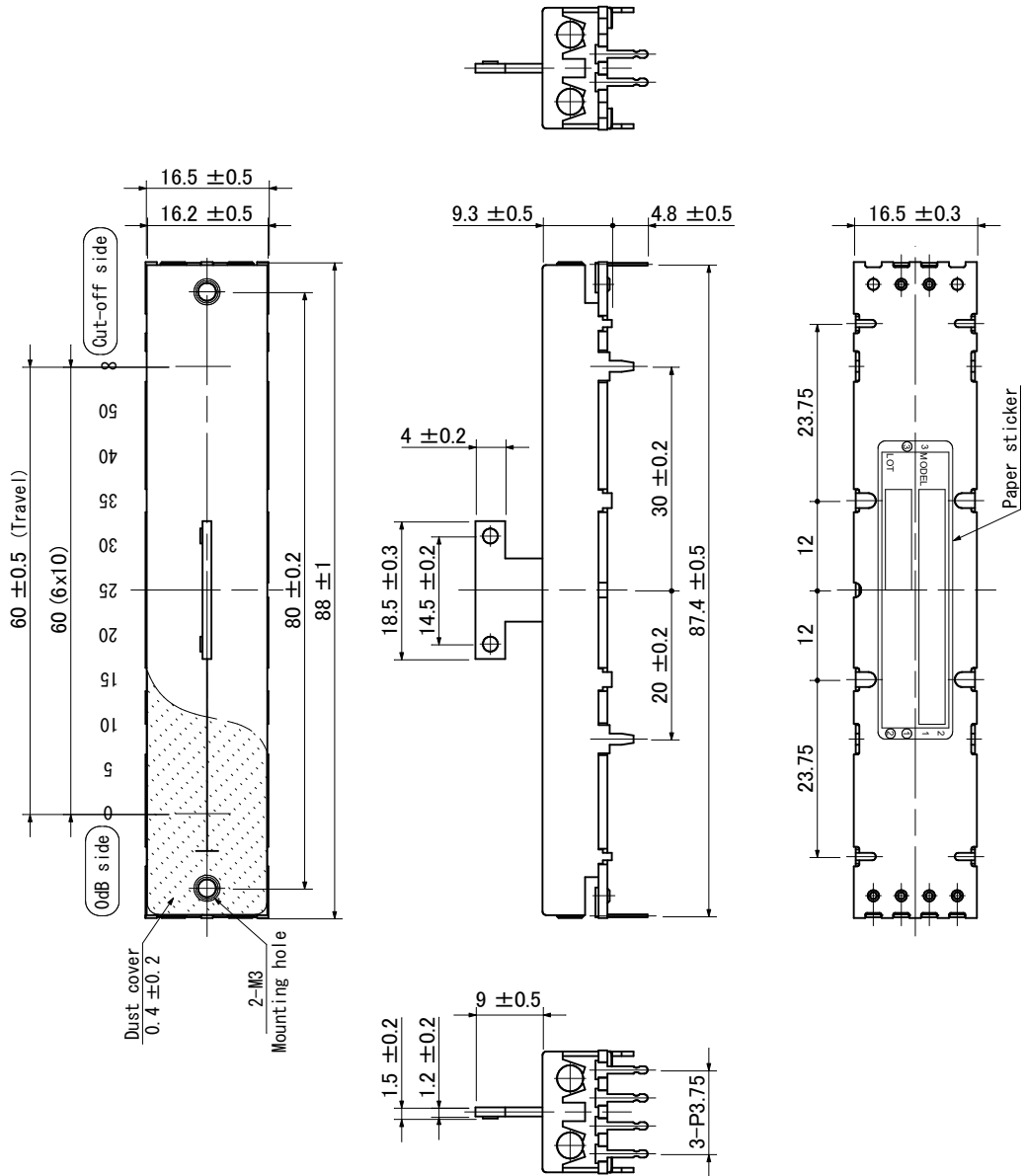
Note

- * 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.

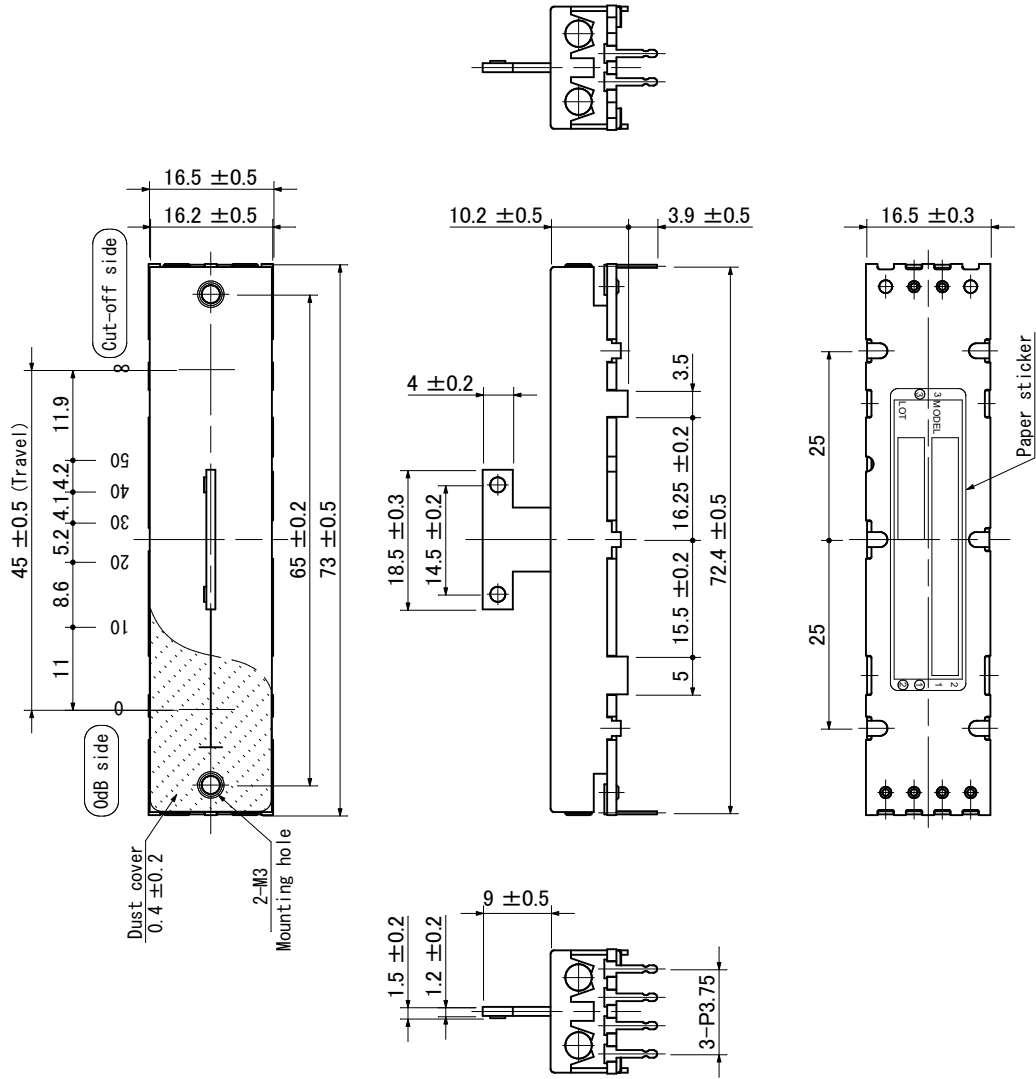
Dimensions- LSVA-1100



Dimensions- LSVA-6100

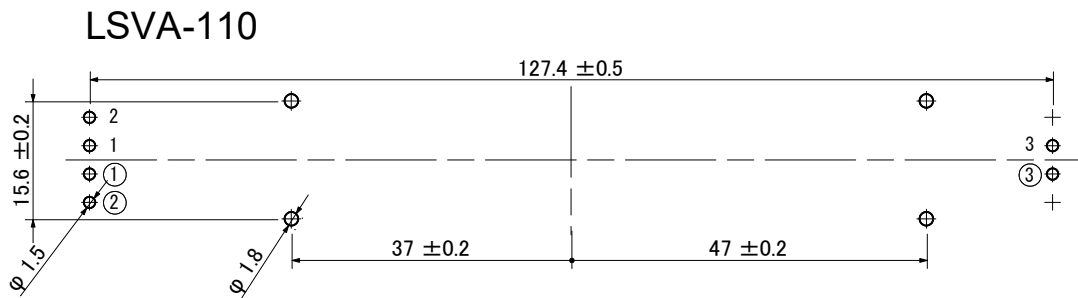


Dimensions- LSVA-4500

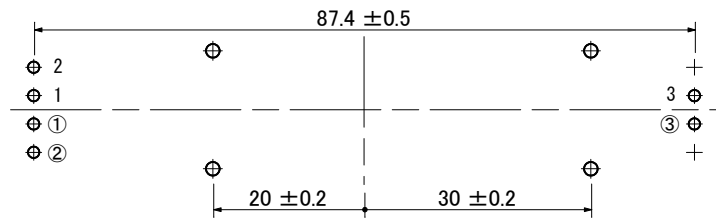


Dimensions

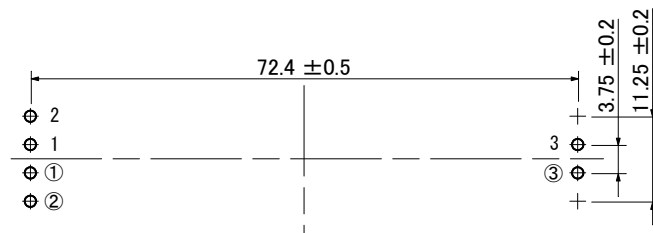
P.C Board Mounting hole detail (Viewed from mounting side)



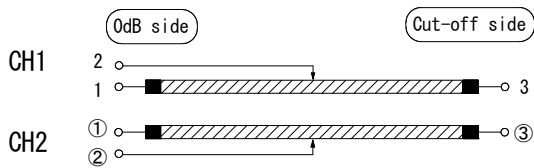
LSVA-610



LSVA-450

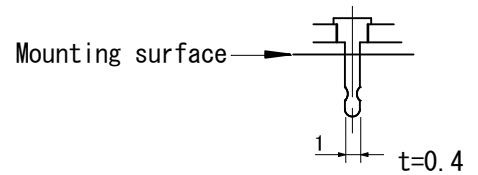


Terminations

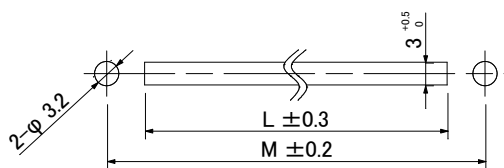


The single unit is not provided with terminal CH2.

Terminal style



Panel cut out dimensions



- L=112mm M=120mm LSVA-110
- L=72mm M=80mm LSVA-610
- L=57mm M=65mm LSVA-450

The products and their specifications are subject to change without notice.