

# LPA-67 Series

**PROFADER™**

## Direct print resistance board

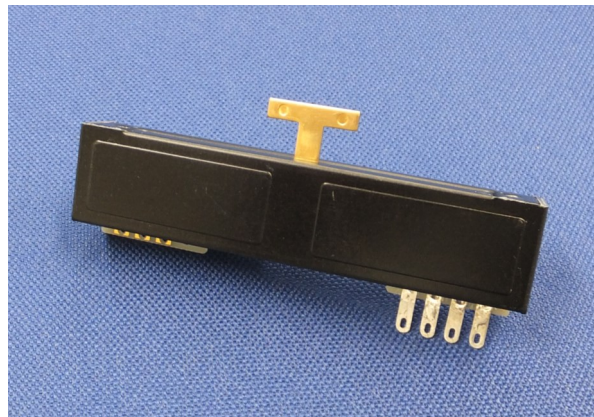
Long sliding life.

## Protection against dust

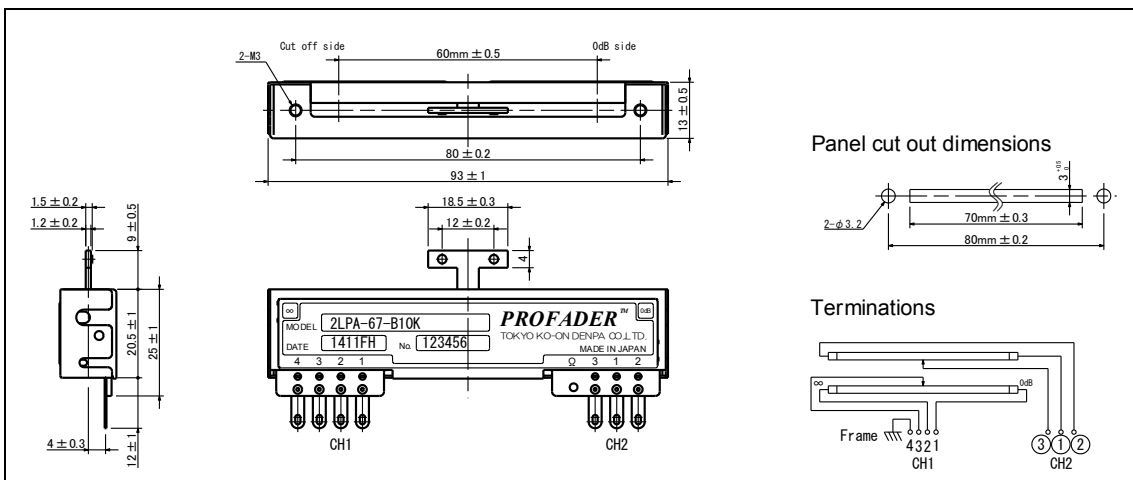
Horizontal style Control-bar design.

## High Quality

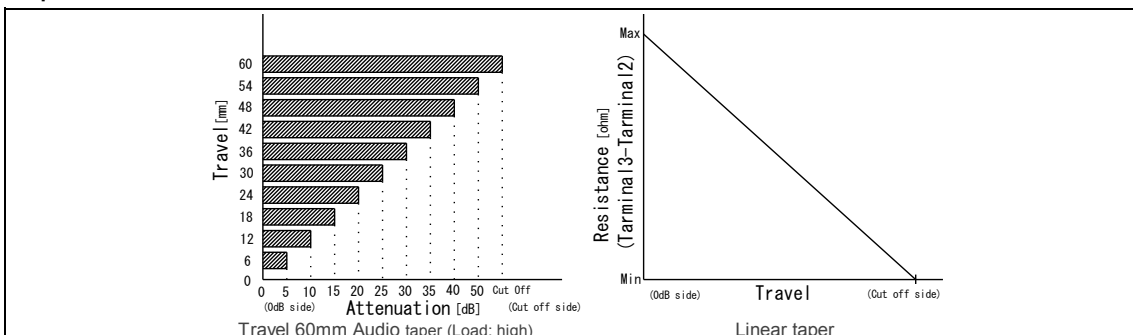
All parts are highly precise.



## Dimensions



## Output Law

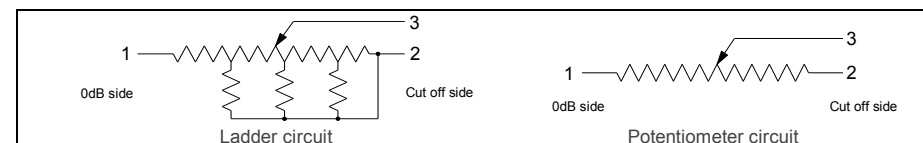


## Model number

**2**                      **LPA-67**   -   **B**                      **10K**  
 Number of circuit      Product type              Taper                      Total resistance  
**Blank:** single circuit      **LPA-67:** 60mm              **Blank:** Audio taper              **B:** Linear taper  
**2:** 2circuits

\* Possible to use vertically with only CP-2.

## Circuit method



## Electrical specifications

	LPA-67	2LPA-67	LPA-67-B	2LPA-67-B
Circuit (Unbalanced)	1	2	1	2
Total resistance (1-2)	5k, 10kohm			
Total resistance tolerance	±20%			
Taper	Audio (Ladder circuit)		Linear (Potentiometer circuit)	
Linearity	-		±5%	
Residual resistance	-		50ohm or less	
Attenuation accuracy (Load: high)	0~30dB: ±3.0dB		-	
Matching accuracy	-	0~30dB: 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 DC500V			
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

	LPA-67 Series
Stroke length	60mm±0.5mm
Operating force	0.1~0.3N
Strength of Nut-Attached	100Ncm
Attached Parts	M3 screw (Length: Panel thickness + 3~4mm)
Stopper strength	40N
Push-pull strength	40N

## General specifications

	LPA-67 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.