

LSVH Series

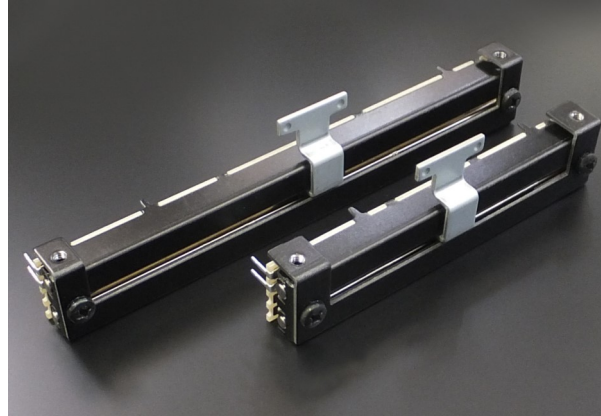
PROFADER™

Direct print resistance board

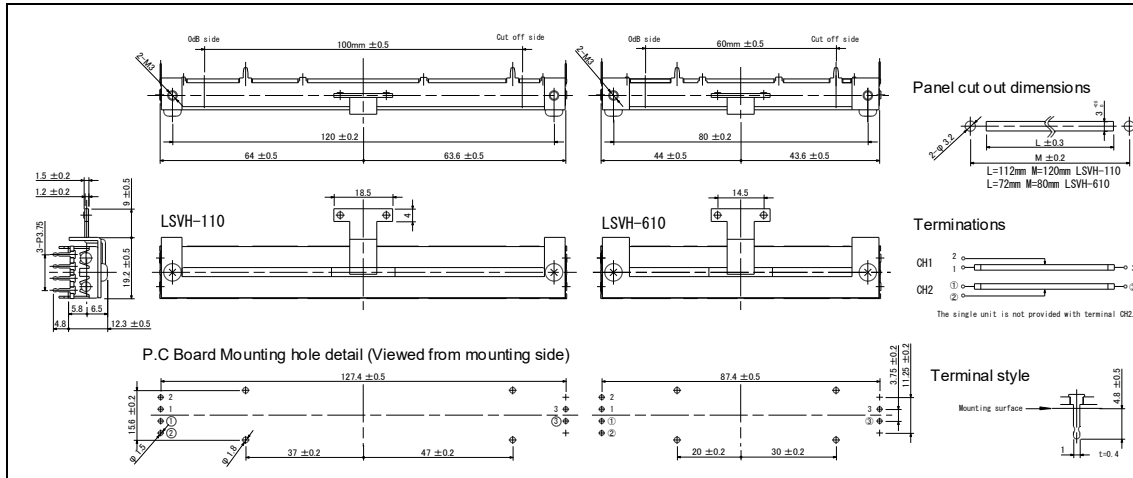
Long sliding life

Protection against dust

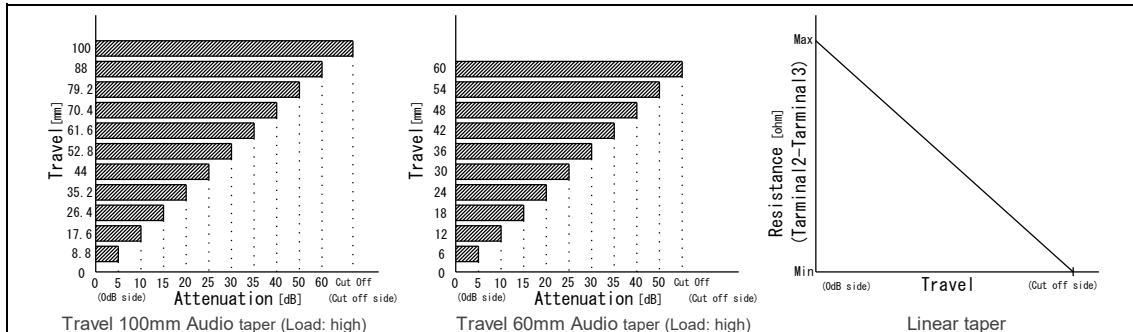
Horizontal style Control-bar design.



Dimensions



Output Law



The products and their specifications are subject to change without notice.
TOKYO KO-ON DENPA CO., LTD. www.tkd-corp.com EDF-201611

Model number

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

LSVH-110 Product type
LSVH-110: 100mm
LSVH-610: 60mm

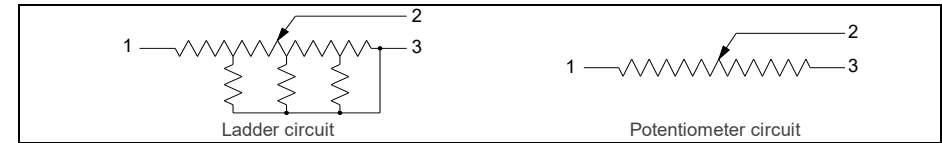
0 Torque
0: Normal torque
1: High torque

- 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

| | LSVH-x10x | 2LSVH-x10x | LSVH-x10x-B | 2LSVH-x10x-B |
|-----------------------------------|--|---------------|--------------------------------|--------------|
| 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

| | LSVH-1100 Series | LSVH-6100 Series |
|--------------------------|--|------------------|
| Stroke length | 100mm±0.5mm | 60mm±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

| LSVH 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.