

SVH Series

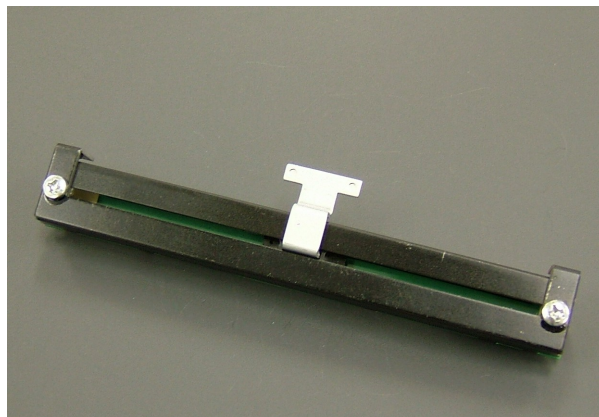
PROFADER™

Conductive Plastic

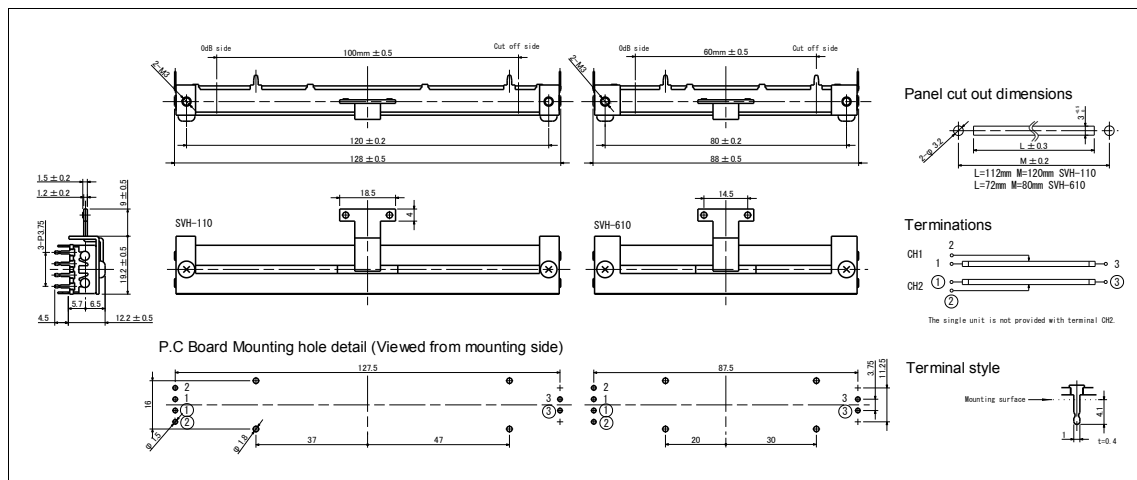
Low sliding noise level & Long sliding life

Protection against dust

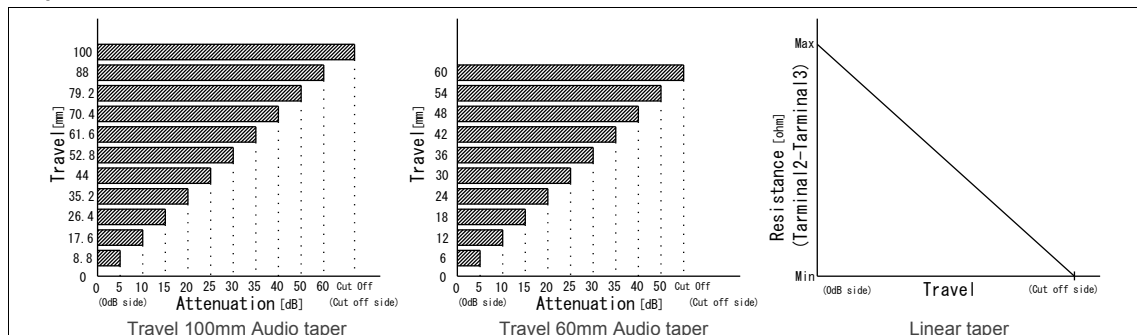
Horizontal style Control-bar design.



Dimensions



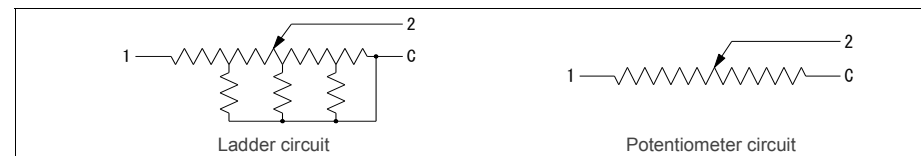
Output Law



Model number

2	SVH-110	0	-	B	10K
Number of circuit	Product type	Torque		Taper	Total resistance
Blank: single circuit	SVH-110: 100mm	0: Normal torque		Blank: Audio taper	
2: 2circuits	SVH-610: 60mm	1: High torque		B: Linear taper	

Circuit method



Electrical specifications

	SVH-x10x	2SVH-x10x	SVH-x10x-B	2SVH-x10x-B
Circuit (Unbalanced)	1	2	1	2
Total resistance (1-C)	5k, 10kohm			
Total resistance tolerance	20%			
Taper	Audio (Ladder circuit)		Linear (Potentiometer circuit)	
Linearity	-		±5%	
Residual resistance	-		30ohm or less	
Attenuation accuracy	0~20dB: ±2.0dB		-	
Matching accuracy	-		0~20dB: 2.0dB	
Insertion loss	0.5dB or less		-	
Cut off (15Hz)	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

	SVH-1100 Series	SVH-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

	SVH 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.