LMH5 Series

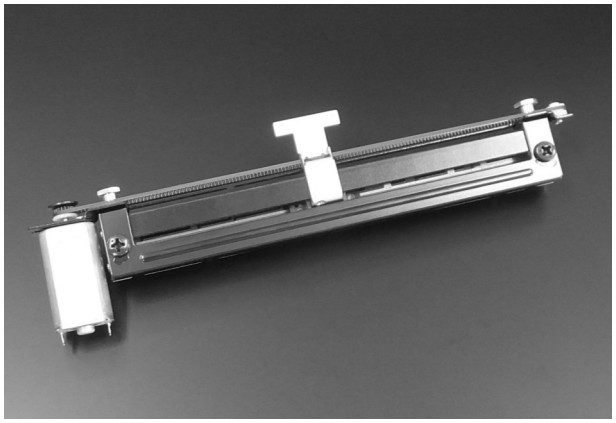
PROFADER™

Direct print resistance board

Long sliding life

Protection against dust

Horizontal style Control-bar design.



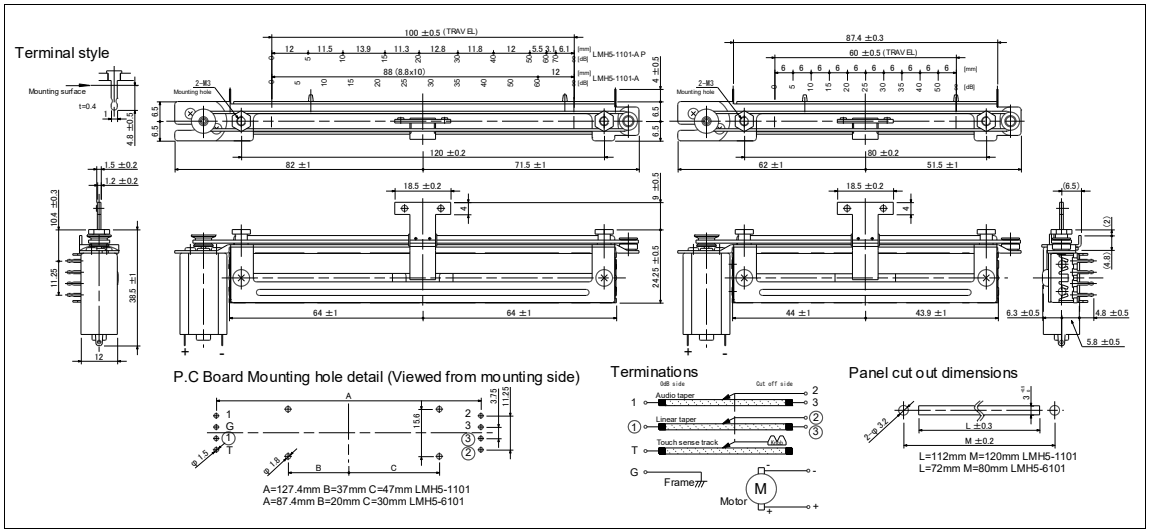
Model number

LMH5 - **1101** - **B** - **10K** - **M8V**

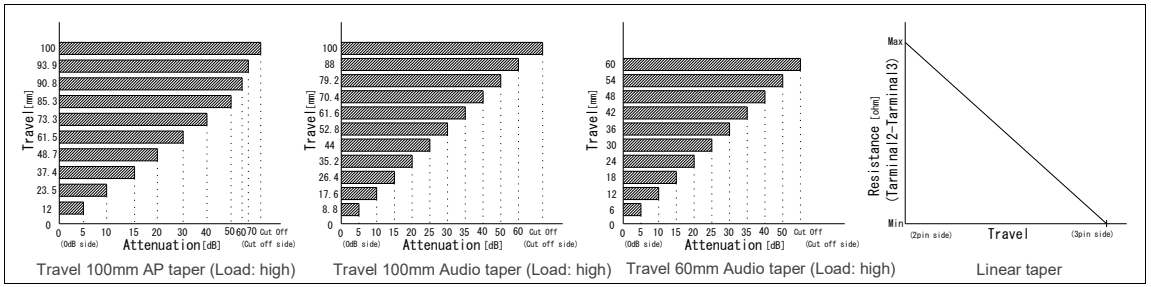
LMH5	1101	B	10K	M8V
Product type	Travel **1101**: 100mm **6101**: 60mm	Taper **B**: Linear taper **A**: Linear + Audio taper **AP**: Linear + AP taper (100mm only)	Total resistance	DC-motor **M8V**: 8V DC motor (MABUCHI)

Circuit method

Dimensions



Output Law (Load: high)



Travel 100mm AP taper (Load: high) | Travel 100mm Audio taper (Load: high) | Travel 60mm Audio taper (Load: high) | Linear taper

Electrical specifications

	LMH5-1101-B	LMH5-6101-B	LMH5-1101-A(AP)	LMH5-6101-A
Circuit (Unbalanced)	1		2	
Total resistance (1-C)(1-3)	10kohm			
Total resistance tolerance	±20%			
Taper	Linear (Potentiometer circuit)		Linear (Potentiometer circuit), Audio (Ladder circuit)	
Linearity	±5% (Linear taper)			
Residual resistance	50ohm or less (Linear taper)			
Touch sense track Contact resistance	30ohm or less			
Attenuation accuracy (Load: high)	-		0~20dB: ±3.0dB (Audio taper)	
Insertion loss	-		0.5dB or less (Audio taper)	
Cut off (15kHz)	-		95dB Min. (Audio taper)	
Voltage proof	1 Min. at AC500V			
Insulation resistance	50Mohm or more at DC100V			
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

	LMH5-1101	LMH5-6101
Stroke length	100mm±0.5mm	60mm±0.5mm
Operating force	0.1~0.3N	
Strength of Nut-Attached	100Ncm	
Attached Parts	M3 screw (Length: Panel thickness + 3~5mm)	
Stopper strength	30N	
Push-pull strength	30N	

General specifications

	LMH5 Series
Temp.range	8V DC motor: -10 to +50 degs.C (Operating), -15 to +60 degs.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.
* High impedance: More than 20 times of total resistance.
* It is highly recommended that the fault tolerant system is to be set up in the big situation like the live broadcast.

The products and their specifications are subject to change without notice.
TOKYO KO-ON DENPA CO., LTD. www.tkd-corp.com EDF-201806