

CPA-7000 Series

Conductive Plastic

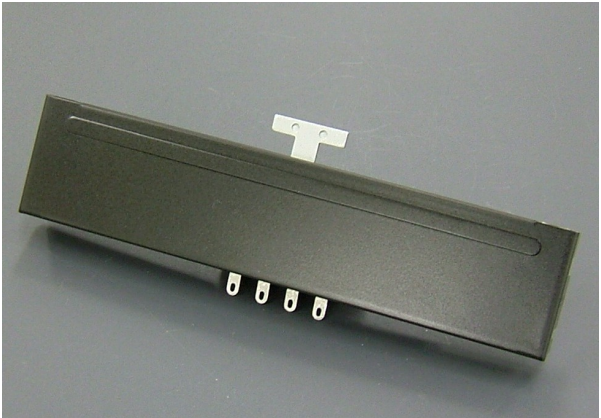
Low sliding noise level & Long sliding life

Protection against dust

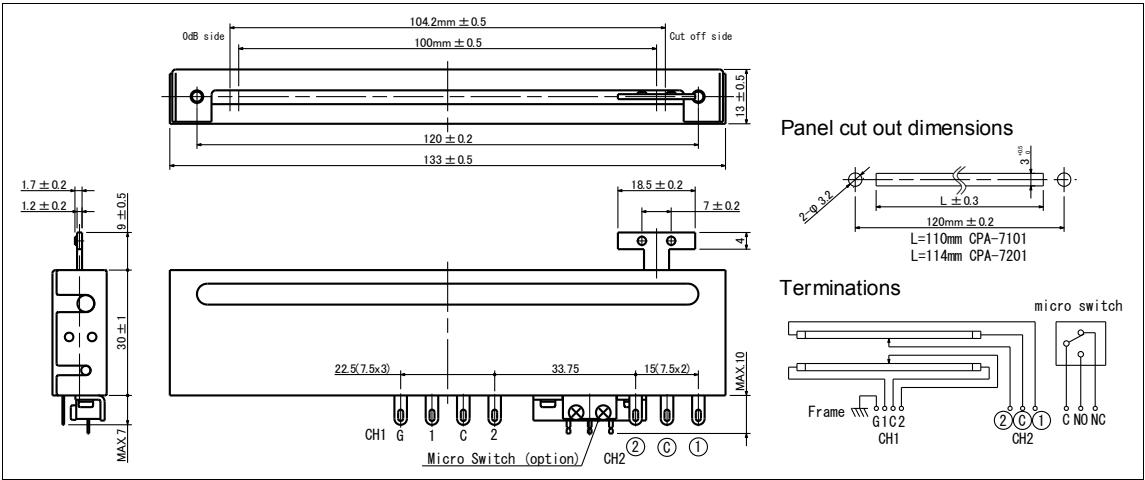
Horizontal style Control-bar design.

High Quality

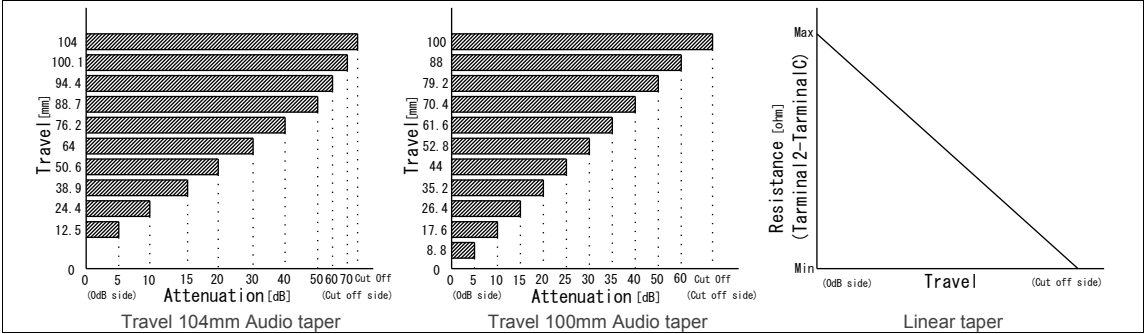
All parts are highly precise.



Dimensions



Output Law



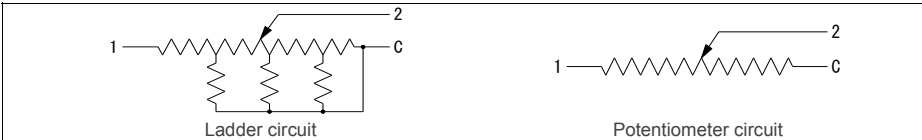
The products and their specifications are subject to change without notice.
TOKYO KO-ON DENPA CO., LTD. www.tkd-corp.com ED01A-201104

PROFADER™

Model number

2	CPA-7101	W	-	B	10K
Number of circuit Blank: single circuit 2: 2circuits	Product type CPA-7101: 100mm CPA-7201: 104mm	Micro Switch (Precision Snap Action Switch) Blank: Without W: With		Taper Blank: Audio taper B: Linear taper	Total resistance

Circuit method



Electrical specifications

	CPA-7x01	2CPA-7x01	CPA-7x01-B	2CPA-7x01-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: ±1.0dB ~30dB: ±2.0dB ~40dB: ±3.0dB		-	
Matching accuracy	-	0~15dB: 1.0dB ~30dB: 2.0dB ~40dB: 3.0dB	-	
Insertion loss	0.5dB or less		-	
Cut off (15Hz)	100dB Min.		-	
Voltage proof	1 Min. at AC500V			
Insulation resistance	50Mohm or more at DC500V			
Max rating	DC20V			
Rated Resistive Load - Switch	AC125V 3A, DC30V 2A (OMRON D2F-F)			
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

	CPA-7101	CPA-7201
Stroke length	100mm±0.5mm	104mm±0.5mm
Operating force	0.1~0.25N	
Strength of Nut-Attached	100Ncm	
Attached Parts	M3 screw (Length: Panel thickness + 3~4mm)	
Stopper strength	50N	
Push-pull strength	50N	

General specifications

	CPA-7000 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.