

Features

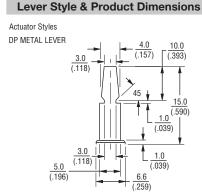
- Carbon element
- Metal housing
- 15-60 mm travel
- Single and dual gang
- Center detent option
- RoHS compliant*

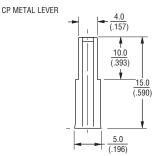


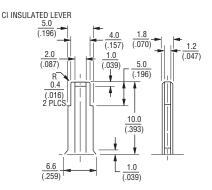
PTA Series - Low Profile Slide Potentiometer

Electrical Characteristics Taper.....Linear, audio Standard Resistance Range1 K ohms to 1 M ohms Standard Resistance Tolerance.....±20 % Residual Resistance500 ohms or 1 % max. Insulation Resistance Min. 100 megohms at 250 V DC **Environmental Characteristics** Operating Temperature-10 °C to +50 °C Power Rating, Linear 15 mm 0.05 W (0.025 W Dual Gang) 20 mm 0.1 W (0.05 W) 30 mm 0.2 W (0.1 W) Power Rating, Audio 15 mm ..0.025 W (0.015 W Dual Gang) 30 mm 0.1 W (0.05 W) 45 mm 0.125 W (0.06 W) Maximum Operating Voltage, Linear 15 mm 100 V DC 20-60 mm...... 200 V DC Maximum Operating Voltage, Audio 15 mm 50 V DC 20-60 mm...... 150 V DC Withstand Voltage, Audio 1 Min. at 300 V AC Sliding Noise 100 mV maximum Tracking Error......3 dB at -40 to 0 dB **Mechanical Characteristics** Operating Force 30 to 250 g-cm Stop Strength 5 kg-cm min. Sliding Life......15,000 cycles Soldering Condition 300 °C max. within 3 seconds

Travel 15, 20, 30, 45, 60 mm







DIMENSIONS: $\frac{MM}{(INCHES)}$



Other styles available.



WARNING Cancer and Reproductive Harm www.P65Warnings.ca.gov

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011. Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

Applications

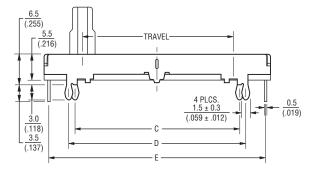
- Audio/TV sets
- Radio
- Amplifiers/mixers/drum machines/synthesizers
- PCs/monitors
- Appliances

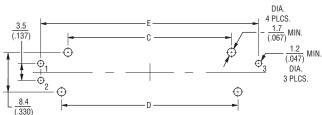
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Product Dimensions









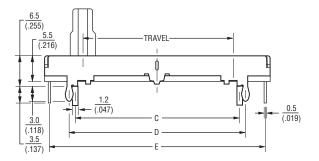


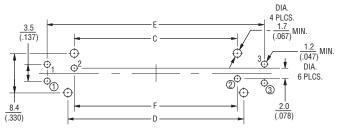
60 (2.36)

(INCHES)

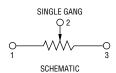
PTAxx44





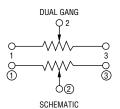


Model	Α	В	С	D	E	Travel
PTA1543	<u>30</u>	<u>26</u>	17.8	<u>20.2</u>	<u>28.5</u>	<u>15</u>
	(1.18)	(1.02)	(.700)	(.795)	(1.12)	(.59)
PTA2043	<u>35</u>	31	<u>22.8</u>	<u>25.2</u>	33	<u>20</u>
	(1.37)	(1.22)	(.897)	(.992)	(1.29)	(.787)
PTA3043	45	41	32.8	35.2	43.5	<u>30</u>
	(1.77)	(1.61)	(1.29)	(1.38)	(1.71)	(1.18)
PTA4543	60	<u>56</u>	47.8	50.2	58.5 (2.30)	45 (1.77)



Dual Gang Dimensions

Model	Α	В	С	D	Е	F	Travel
PTA1544	30 (1.18)	<u>26</u> (1.02)	<u>17.8</u> (.700)	<u>20.2</u> (.795)	<u>28.5</u> (1.12)	<u>18</u> (.708)	<u>15</u> (.59)
PTA2044	<u>35</u> (1.37)	31 (1.22)	<u>22.8</u> (.897)	<u>25.2</u> (.992)	<u>33</u> (1.29)	<u>23</u> (.905)	<u>20</u> (.787)
PTA3044	45 (1.77)	41 (1.61)	32.8 (1.29)	35.2 (1.38)	<u>43.5</u> (1.71)	33 (1.29)	30 (1.18)
PTA4544	<u>60</u> (2.36)	<u>56</u> (2.20)	47.8 (1.88)	<u>50.2</u> (1.97)	<u>58.5</u> (2.30)	48 (1.88)	45 (1.77)
PTA6044	75 (2.95)	71 (2.79)	62.8 (2.47)	65.2 (2.56)	73.5 (2.89)	63 (2.48)	60 (2.36)



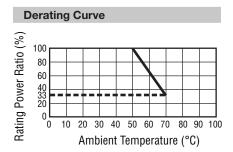
Single Gang Dimensions

 $\frac{75}{(2.95)}$

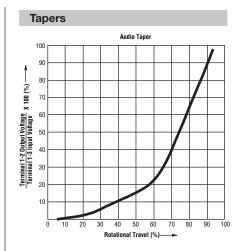
PTA6043

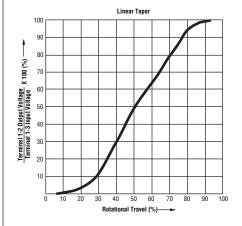
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BOURNS®



Standard Resistance Table						
Resistance (Ohms)	Resistance Code					
1,000	102					
2,000	202					
5,000	502					
10,000	103					
20,000	203					
50,000	503					
100,000	104					
200,000	204					
500,000	504					
1,000,000	105					





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