

Features

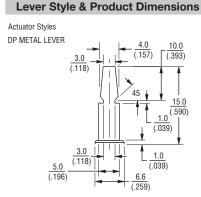
- Carbon element
- Metal housing
- 15-60 mm travel
- Single and dual gang
- Center detent option
- RoHS compliant*

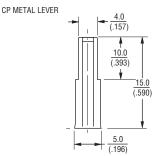


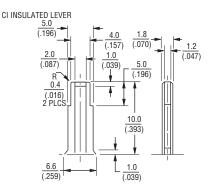
PTA Series - Low Profile Slide Potentiometer

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.

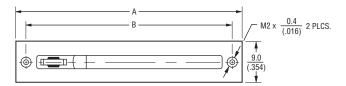
Applications

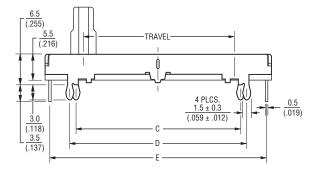
- Audio/TV sets
- Radio
- Amplifiers/mixers/drum machines/synthesizers
- PCs/monitors
- Appliances

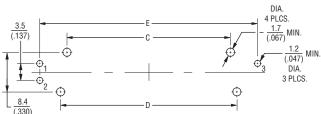
PTA Series - Low Profile Slide Potentiometer

Product Dimensions

PTAxx43



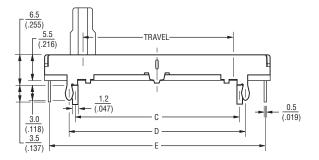


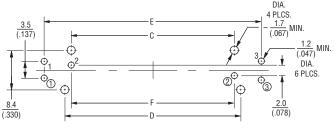


DIMENSIONS: (INCHES)

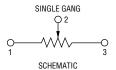
PTAxx44







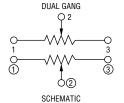
Single Gang Dimensions						
Model	Α	В	С	D	E	Travel
PTA1543	<u>30</u>	<u>26</u>	<u>17.8</u>	<u>20.2</u>	<u>28.5</u>	<u>15</u>
	(1.18)	(1.02)	(.700)	(.795)	(1.12)	(.59)
PTA2043	<u>35</u>	31	<u>22.8</u>	<u>25.2</u>	33	<u>20</u>
	(1.37)	(1.22)	(.897)	(.992)	(1.29)	(.787)
PTA3043	45	41	<u>32.8</u>	35.2	43.5	<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	45
	(2.36)	(2.20)	(1.88)	(1.97)	(2.30)	(1.77)
PTA6043	<u>75</u>	<u>71</u>	<u>62.8</u>	<u>65.2</u>	<u>73.5</u>	<u>60</u>
	(2.95)	(2.79)	(2.47)	(2.56)	(2.89)	(2.36)



Model Α В С D Ε F Travel 28.5 (1.12) 30 (1.18) 26 (1.02) 17.8 (.700) 20.2 (.795) $\frac{18}{(.708)}$ <u>15</u> (.59) PTA1544 $\frac{31}{(1.22)}$ 22.8 (.897) $\frac{23}{(.905)}$ $\frac{20}{(.787)}$ 25.2 (.992) PTA2044 32.8 (1.29) 30 (1.18) 35.2 (1.38) PTA3044 <u>56</u> (2.20) 47.8 (1.88) 50.2 (1.97) 45 (1.77) PTA4544

60 (2.36)

Dual Gang Dimensions



 $\frac{62.8}{(2.47)}$

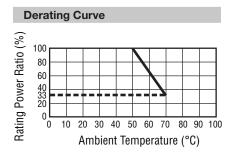
 $\frac{71}{(2.79)}$

Single Cong Dimensi

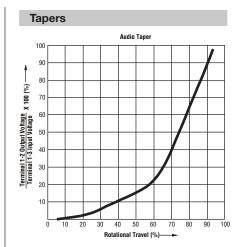
PTA6044

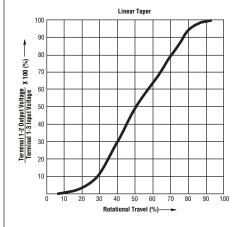
PTA Series - Low Profile Slide Potentiometer

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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