

Features

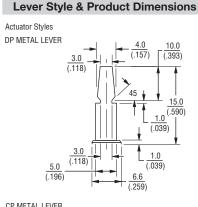
- Carbon element
- Metal housing
- 15-60 mm travel
- Single and dual gang
- Center detent option
- RoHS compliant*

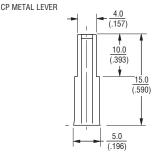


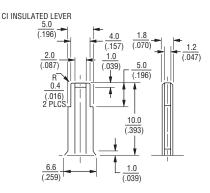
PTA Series - Low Profile Slide Potentiometer

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) 45 mm 0.25 W (0.125 W) 60 mm 0.25 W (0.125 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) 60 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 Condition300 °C max. within 3 seconds

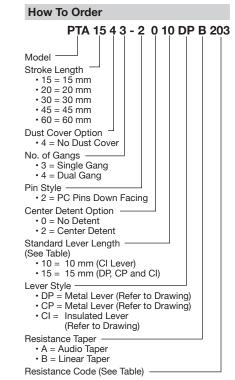
Travel 15, 20, 30, 45, 60 mm







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



Other styles available.

Users should verify actual device performance in their specific applications.

^{*}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.

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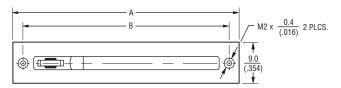
Applications

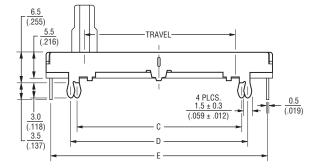
- Audio/TV sets
- Car radio
- Amplifiers/mixers/drum machines/synthesizers
- PCs/monitors
- Appliances

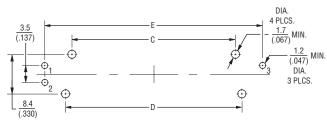
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Product Dimensions



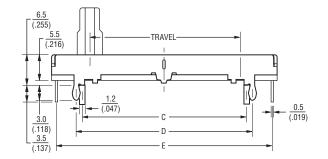


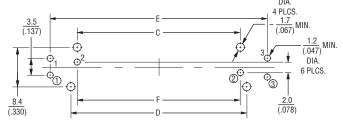




PTAxx44



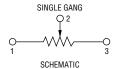




DIMENSIONS:	MM		
	(INCHES)		

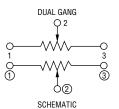
Single Gang Dimensions

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	20
	(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	<u>50.2</u>	58.5	45
	(2.36)	(2.20)	(1.88)	(1.97)	(2.30)	(1.77)
PTA6043	<u>75</u> (2.95)	<u>71</u> (2.79)	<u>62.8</u> (2.47)	<u>65.2</u> (2.56)	<u>73.5</u> (2.89)	<u>60</u> (2.36)



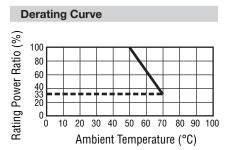
Dual Gang Dimensions

Model	Α	В	С	D	E	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)	18 (.708)	<u>15</u> (.59)
PTA2044	35 (1.37)	<u>31</u> (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	<u>45</u> (1.77)	41 (1.61)	<u>32.8</u> (1.29)	<u>35.2</u> (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)

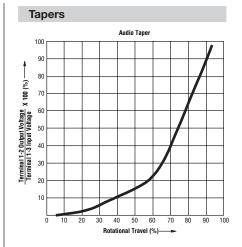


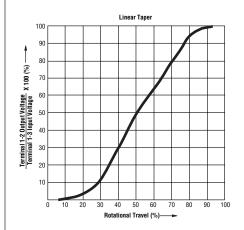
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BOURNS®



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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