

Features

- Single and dual section control
- Metal shaft styles
- Carbon element
- Center and multiple detent options
- Wide range of resistance tapers
- Plain or knurled shaft options



PDB18 Series - 17 mm Rotary Potentiometer

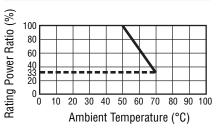
Electrical Characteristics

Environmental Characteristics

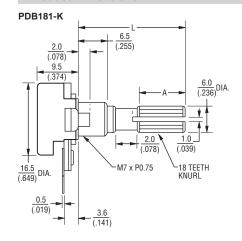
Mechanical Characteristics

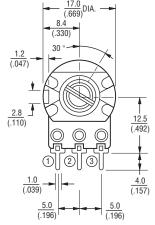
............. 260 °C max. within 3 seconds Hardware One flat washer and mounting nut supplied per potentiometer with bushing

Derating Curve



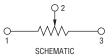
Product Dimensions

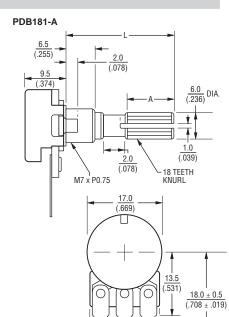


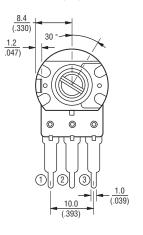


SHAFT SHOWN IN CCW POSITION

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







(.590)

4.0

(.157)

(.098

(.141)

SHAFT SHOWN IN CCW POSITION



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

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.
Specifications are subject to change without notice.

Additional Features

- Linear, audio and reverse audio taper options
- RoHS compliant*

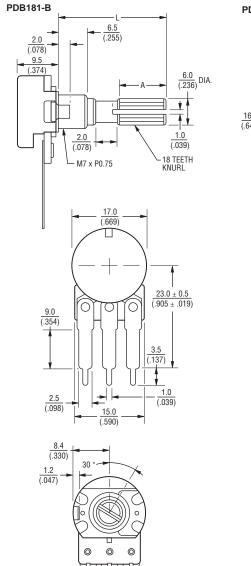
Applications

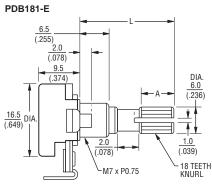
- Audio/TV sets
- Amplifiers/mixers/drum machines/ synthesizers
- PCs/monitors
- Appliances

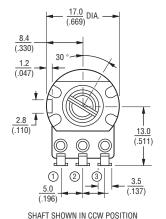
PDB18 Series - 17 mm Rotary Potentiometer

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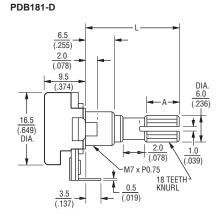
Product Dimensions

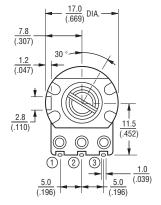






DIMENSIONS: $\frac{MM}{(INCHES)}$





SHAFT SHOWN IN CCW POSITION

SHAFT SHOWN IN CCW POSITION

31

(.137)

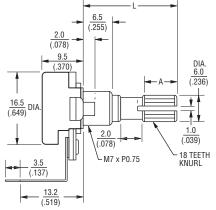
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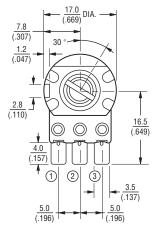
PDB18 Series - 17 mm Rotary Potentiometer

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Product Dimensions

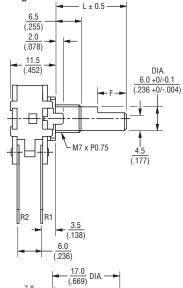
PDB181-P

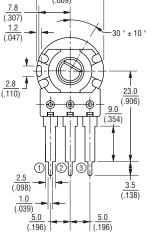




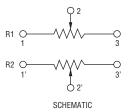
SHAFT SHOWN IN CCW POSITION

PDB182-B Dual Gang



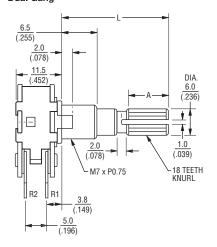


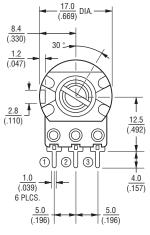
SHAFT SHOWN IN CCW POSITION



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

PDB182-K Dual Gang



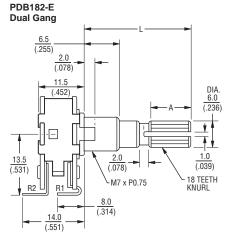


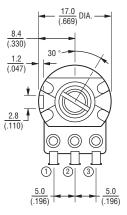
SHAFT SHOWN IN CCW POSITION

PDB18 Series - 17 mm Rotary Potentiometer

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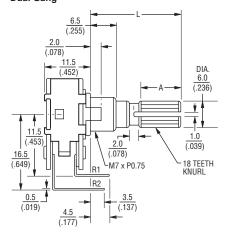
Product Dimensions

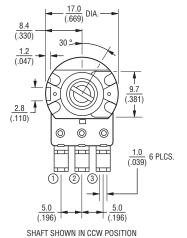




SHAFT SHOWN IN CCW POSITION

PDB182-D Dual Gang



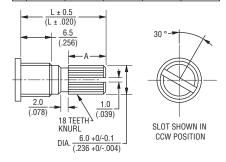


DIMENSIONS: $\frac{MM}{(INCHES)}$

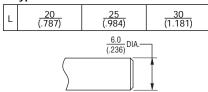
Shaft Styles

K Type

	• •				
L	<u>15</u> (.591)	18 (.709)	20 (.787)	25 (.984)	30 (1.181)
Α	<u>6.5</u> (.256)	<u>6.5</u> (.256)	<u>11.5</u> (.453)	<u>14</u> (.551)	<u>19</u> (.748)

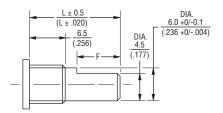


P Type



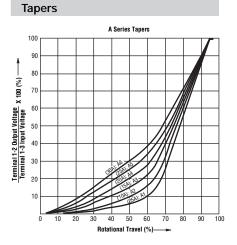
F Type

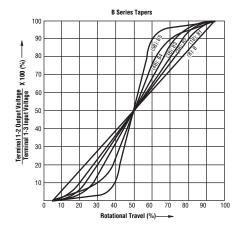
L	<u>15</u> (.591)	<u>20</u> (.787)	25 (.984)	30 (1.181)	35 (1.378)
F	<u>7</u> (.276)	<u>12</u> (.472)	<u>12</u> (.472)	<u>12</u> (.472)	<u>12</u> (.472)

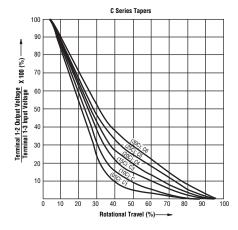


PDB18 Series - 17 mm Rotary Potentiometer

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	PDB18 1 - K	4	2	5 k	(- 10)3 A
Model -						
• 1 = 5	of Sections — Single Section Dual Section					
(Pin Layo (see indi	Configuration out) vidual drawings) PC Pins vertical/					
• A =	Down Facing (12.5 mm) PC Pins vertical/ Down Facing					
• B =	(18.0 mm) PC Pins vertical Down Facing (23.0 mm)					
• E =	Solder Lugs Rear Facing					
• P =	PC Pins Rear Facing					
• D =	PC Pins Front Facing					
• 4 = N • 5 = 1 • 6 = 2 • 7 = 3	option Center Detent No Detents O Detent / 11 Posit O Detent / 21 Posit O Detent / 31 Posit O Detent / 41 Posit	io io	n n			

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			

Resistance Code (See Table)	
Resistance Taper (See Taper Charts) Taper Series followed by Curve Number	
Other styles available.	

Metal Flatted Shaft
Metal Knurled Type Shaft
18 Toothed Serration Type
Metal Plain Shaft

Metal Flatted Shaft

BOURNS®

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• 18 = 18 mm • 20 = 20 mm • 25 = 25 mm • 30 = 30 mm Shaft Style

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PDB182-K230K-104A PDB182-K230K-104B PDB181-E420F-503B PDB181-E420K-102B PDB181-E420K-103B
PDB181-E420K-104B PDB181-E420K-105B PDB181-E420K-502B PDB181-E420K-504B PDB181-K220K-102B
PDB181-K220K-103B PDB181-K220K-104B PDB181-K220K-502B PDB181-K220K-503B PDB181-K415K-102A
PDB181-K420K-102A PDB181-K420K-102B PDB181-K420K-103A PDB181-K420K-103B PDB181-K420K-104A
PDB181-K420K-105A PDB181-K420K-105B PDB181-K420K-202A PDB181-K420K-203A PDB181-K420K-203B
PDB181-K420K-204A PDB181-K420K-204B PDB181-K420K-502A PDB181-K420K-502B PDB181-K420K-503A
PDB181-K420K-504A PDB181-K425K-104B PDB182-K220K-102B PDB182-K220K-103B PDB182-K220K-104B
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