

Features

- PC pin or solder lug terminals
- Rotary switch option
- Metal shaft styles
- Carbon element
- Audio, linear, and reverse audio tapers
- RoHS compliant*

PDB184-K

R2=SW

 5.5 ± 0.3

(.217 ± .012)

5.0 ± 0.3

-⊕ B

Φ

Δ

 $\frac{5.0 \pm 0.3}{(.197 \pm .012)}$

5.0 ± 0.3

(.197 ± .012)

Schematic

DIA. 1.2 ± 0.3

(.047 ± .012) 6 PLCS.

Product Dimensions

<u>11.7 ± 0.5</u>
(.461 ± .020)



17.<u>0 ± 0.5</u>

(.669 ± .020)

φ

Φ

φ

30

FULL CCW

12.5 ± 0.5

(.492 ± .020)

 4.0 ± 0.3

(.157 ± .012)

 5.0 ± 0.3

(.197 ± .012)

PDB184 - 17 mm Rotary Potentiometer w/Rotary Switch

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6.5 ± 0.3

(.256 ± .012)

M7 X <u>0.75</u>

(.157 ± .012)

MOUNTING

SURFACE

2.0 ± 0.3 (.079 ± .012)

 4.0 ± 0.3

(.157 ± .012)

Ф₃

Φ_2

Φ

(.030)

Electrical Characteristics

Taper..... Linear, audio Standard Resistance Range1 K ohms to 1 M ohms Standard Resistance Tolerance.....±20 %

Residual Resistance......1 % max.

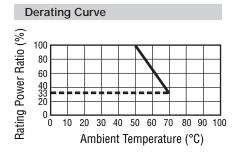
Environmental Characteristics

Operating Temperature	
10	°C to +50 °C
Power Rating	
Linear	
Audio	0.06 watt
Maximum Operating Voltage	
Linear	200 V
Audio	
Sliding Noise	47 mV max.

Mechanical Characteristics

Mechanical Angle	
Rotational Torque	
Stop Strength	5 kg-cm min.
Rotational Life	
Switch Life	15,000 cycles
Switch Type	ŚPDT
Switching Angle	50 ° max.
Soldering Condition	

Hardware One flat washer and mounting nut supplied per potentiometer with bushing



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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M7 X <u>0.75</u> (.030)

10.0 ± 0.5

(.394 ± .020)

 $\frac{2.0 \pm 0.3}{(.079 \pm .012)}$



WASHER DIA. (.283)

> $\frac{12.0 \pm 0.5}{(.472 \pm .020)}$ $T = \frac{0.5}{(.020)}$

L	<u>20</u>	<u>25</u>	<u>30</u>
	(.787)	(.984)	(1.181)
А	<u>12</u>	<u>14</u>	<u>12</u>
	(.472)	(.551)	(.472)

Downloaded from Arrow.com.

5.0 ± 0.3 4.0 ± 0.3

NUT

DIA 6.0 ± 0.3

(.236 ± .012)

 1.0 ± 0.3

.039 ± .012)

7.8 ± 0.3

(.307 ± .012)

 1.2 ± 0.3

(.047 ± .012)

 2.8 ± 0.3 (.110 ± .012)

DIMENSIONS:

Applications

- Amplifiers
- Mixers
- Drum machines
- Synthesizers

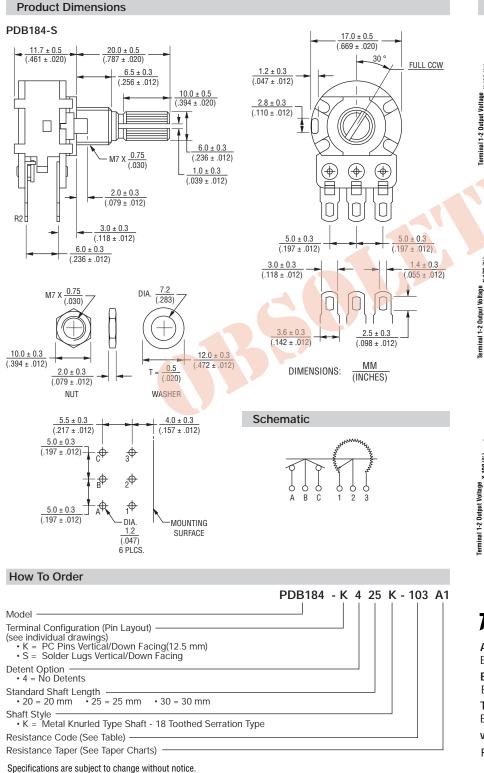
PDB184 - 17 mm Rotary Potentiometer w/Rotary Switch

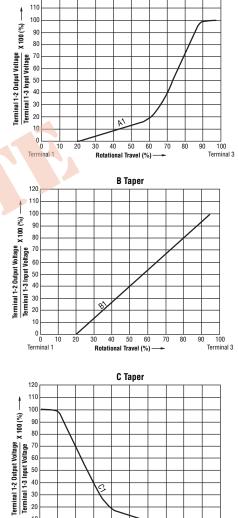
BOURNS®

A Taper

Tapers

120





BOURNS

30

40 50 60

Rotational Travel (%)

80

90 100

Terminal 3

20

10

Terminal 1

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