

Features

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



PDB184 - 17 mm Rotary Potentiometer w/Rotary Switch

Electrical Characteristics

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

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

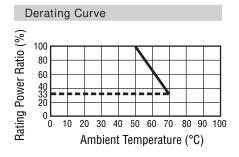
Environmental Characteristics

Operating Temperature
10 °C to +50 °C
Power Rating
Linear0.125 watt
Audio0.06 watt
Maximum Operating Voltage
Linear 200 V
Audio 150 V
Sliding Noise 47 mV max.

Mechanical Characteristics

Mechanical Angle	300 ° ±5 °
Rotational Torque	30 to 100 g-cm
Stop Strength	5 kg-cm min.
Rotational Life	15,000 cycles
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	Resistance	
(Ohms)	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	



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

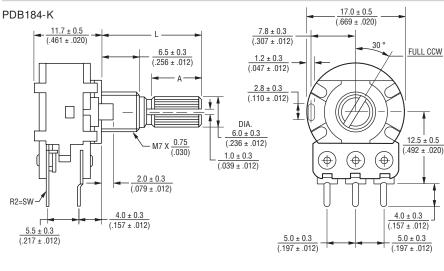
Product Dimensions

 4.0 ± 0.3

(.157 ± .012)

MOUNTING

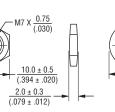
SURFACE



NUT

DIMENSIONS:

MM (INCHES)





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

Schematic

5.0 ± 0.3

(.197 ± .012)

-⊕ B

Φ

Δ

Ф₃

Φ_2

Φ

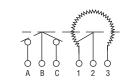
 $\frac{5.0 \pm 0.3}{(.197 \pm .012)}$

 5.0 ± 0.3

 $(.197 \pm .012)$

DIA. 1.2 ± 0.3

(.047 ± .012) 6 PLCS.



*RoHS Directive 2015/863, Mar 31, 2015 and Annex.

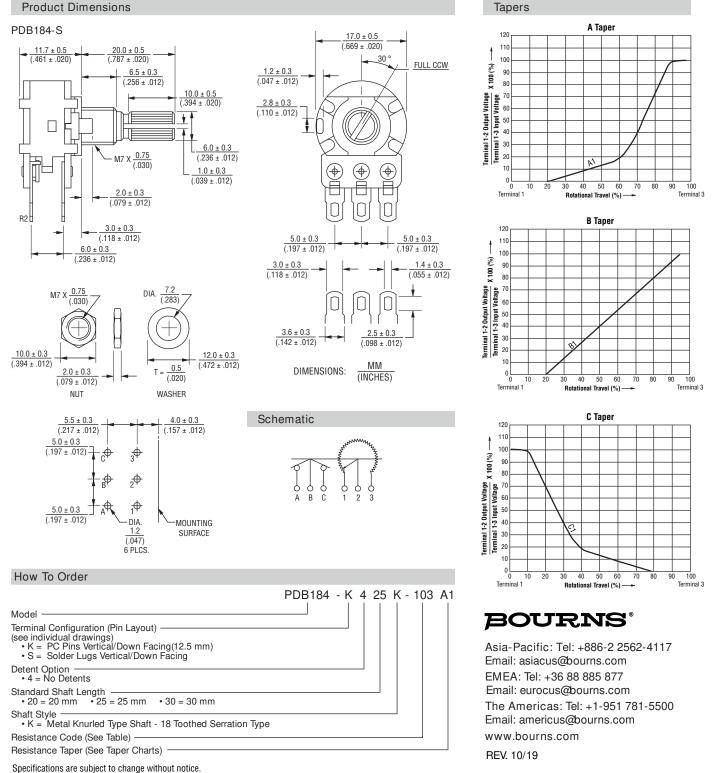
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Applications

- Amplifiers
- Mixers
- Drum machines
- Synthesizers

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