



- PC pin or solder lug terminals
- Push-pull switch option
- Metal shaft styles
- Carbon element
- Wide range of resistance tapers
- RoHS compliant*



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Taper..... Linear, audio
Standard Resistance Range
..... 1 K ohms to 1 M ohms
Standard Resistance Tolerance..... $\pm 20\%$
Residual Resistance..... 1 % max.

Operating Temperature	-10 °C to +50 °C
Power Rating	
Linear	0.2 watt
Audio	0.1 watt
Maximum Operating Voltage	
Linear	200 V
Audio	150 V
Sliding Noise	47 mV max.

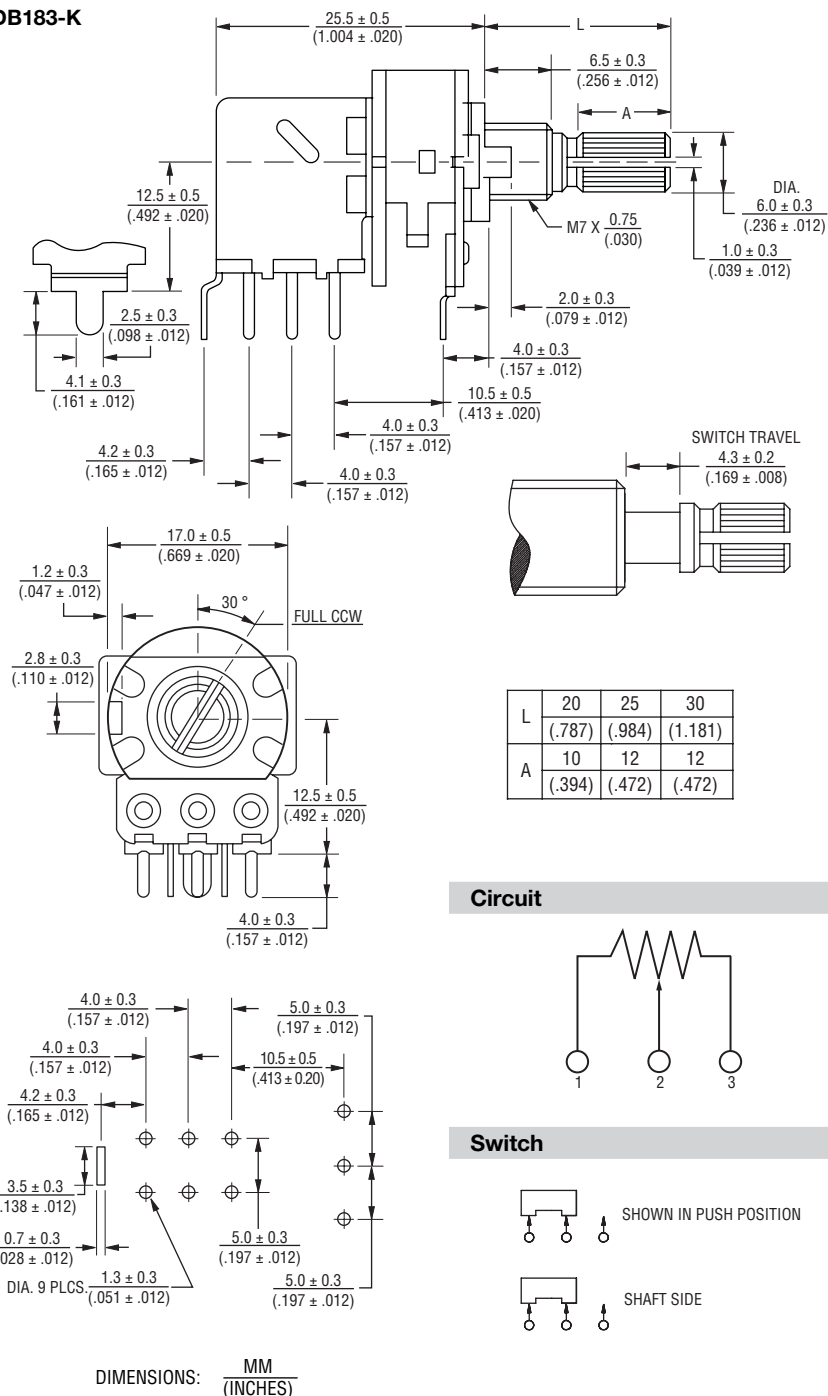
Mechanical Angle $300^{\circ} \pm 5^{\circ}$
Rotational Torque30 to 100 g-cm
Stop Strength5 kg-cm min.
Rotational Life15,000 cycles
Switch Life.....15,000 cycles
Switch TypeDPDT
Switch Travel 4.3 ± 0.2 mm

 ($.169 \pm .008$ in.)
Soldering Condition
 260 °C max. within 3 seconds
Hardware.....One flat washer and
 mounting nut supplied per
 potentiometer with bushing

Ambient Temperature (°C)	Rating Power Ratio (%)
0	33
50	33
70	30

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

PDB183-K



SHOWN IN PUSH POSITION

SHAFT SIDE

*RoHS Directive 2002/95/EC Jan 27, 2003 including Annex.
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.

Applications

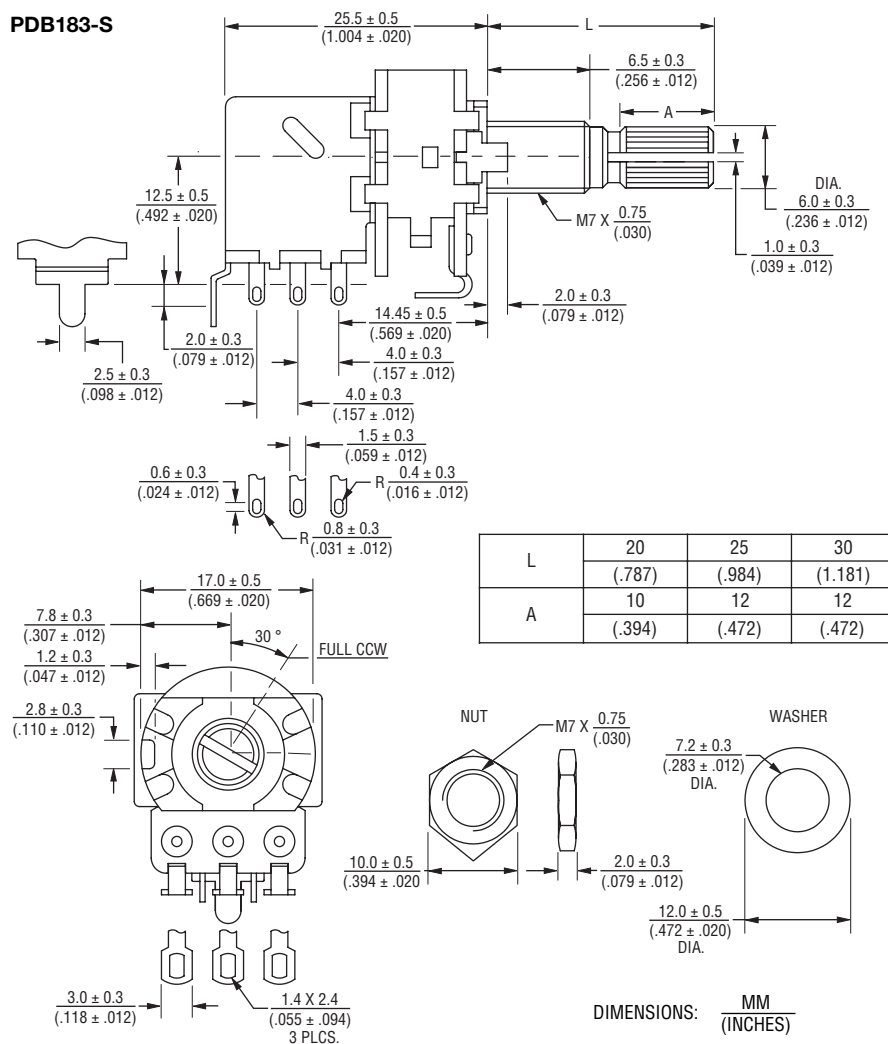
- Electric guitars
- Amplifiers/mixers/drum machines/synthesizers

PDB183 - 17 mm Rotary Potentiometer w/Push-Pull Switch

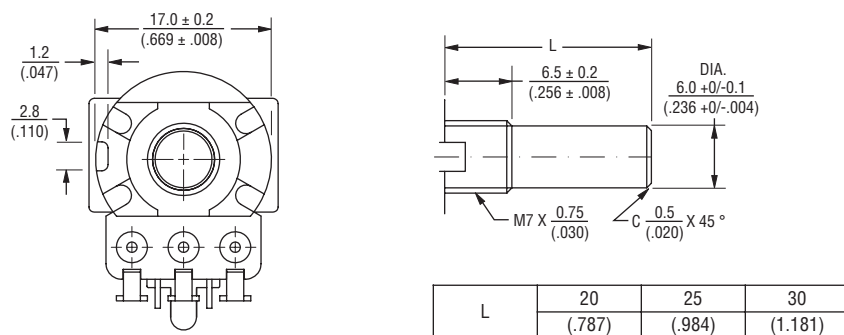
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Product Dimensions

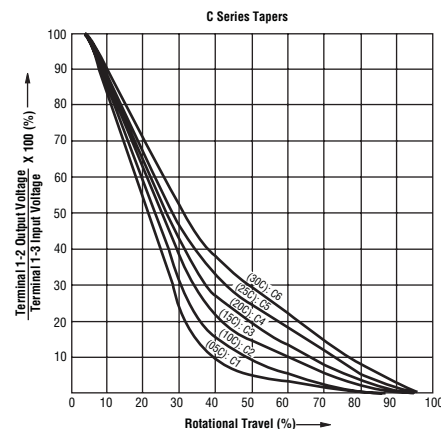
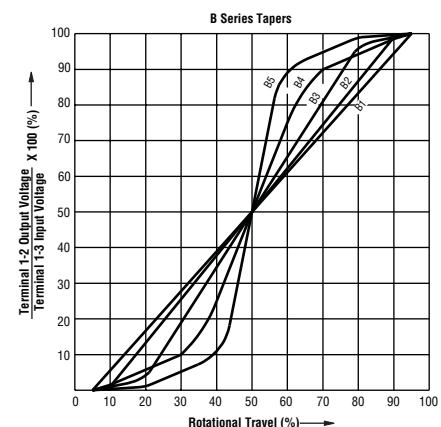
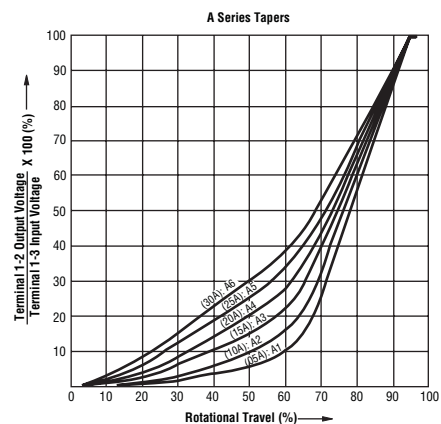
PDB183-S



PDB183-xxxxP



Tapers

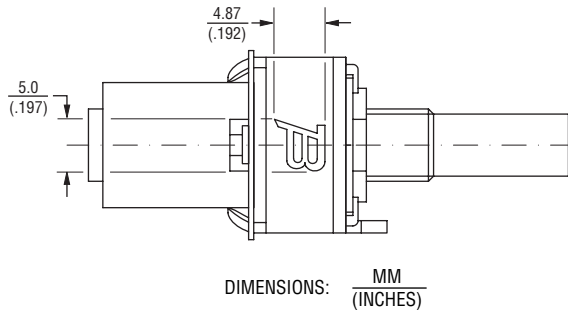


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PDB183 - 17 mm Rotary Potentiometer w/Push-Pull Switch

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Typical Part Marking



How To Order

PDB183 - K 4 25 K - 103 A1

Model _____
 Terminal Configuration (Pin Layout) _____
 (see individual drawings)
 • K = PC Pins vertical/Down Facing (12.5 mm)
 • S = Solder Lugs Horizontal/Rear Facing
 Detent Option _____
 • 2 = Center Detent
 • 4 = No Detents
 Standard Shaft Length _____
 • 20 = 20 mm
 • 25 = 25 mm
 • 30 = 30 mm
 Shaft Style _____
 • K = Metal Knurled Type Shaft
 18 Toothed Serration Type
 • P = Metal Plain Type Shaft
 Resistance Code (See Table) _____
 Resistance Taper (See Taper Charts) _____
 Taper Series followed by Curve Number