



Features

- Single and dual section control
- Metal shaft styles
- Carbon element
- Center detent option
- Wide range of resistance tapers
- Plain or knurled shaft options
- Linear, audio and reverse audio taper options
- RoHS compliant*

PDB18 Series - 17 mm Rotary Potentiometer

Electrical Characteristics

TaperLinear, audio
 Standard Resistance Range
1 K ohms to 1 M ohms
 Standard Resistance Tolerance±20 %
 Residual Resistance1 % max.

Environmental Characteristics

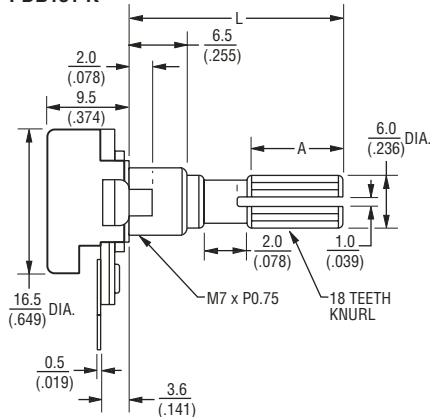
Operating Temperature
-10 °C to +50 °C
 Power Rating
 Linear0.2 watt
 Dual Section.....0.125 watt
 Audio0.1 watt
 Dual Section.....0.06 watt
 Maximum Operating Voltage
 Linear200 V
 Audio150 V
 Sliding Noise47 mV max.

Mechanical Characteristics

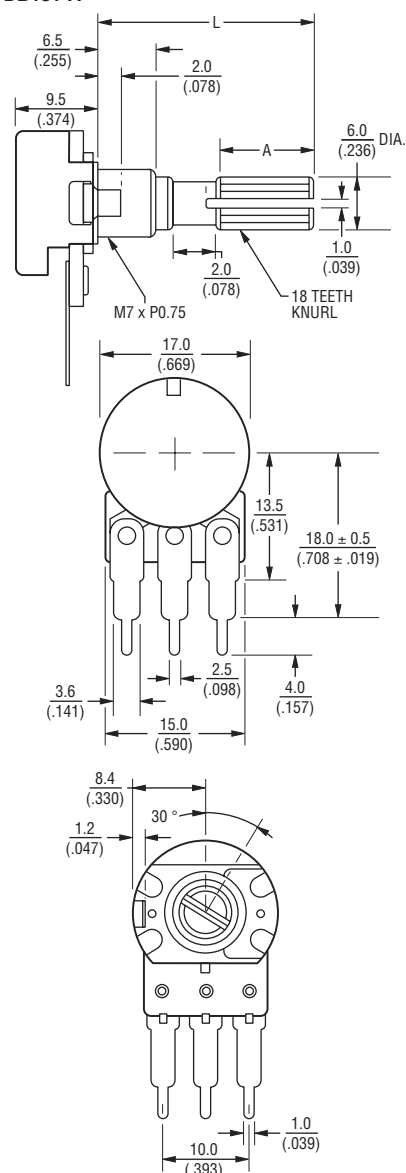
Mechanical Angle300 ° ±5 °
 Rotational Torque10 to 150 gf-cm
 Detent Torque.....150 to 500 g-cm
 Stop Strength.....5 kg-cm min.
 Rotational Life.....15,000 cycles
 Soldering Condition
260 °C max. within 3 seconds
 HardwareOne flat washer and
 mounting nut supplied per
 potentiometer with bushing

Product Dimensions

PDB181-K

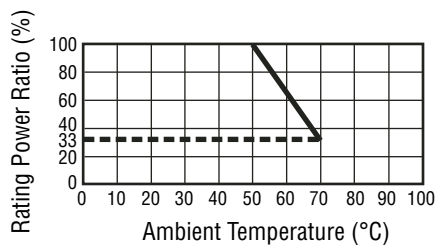


PDB181-A

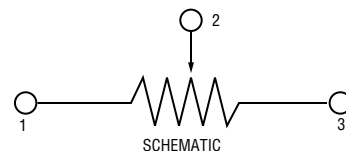


DIMENSIONS ARE: $\frac{\text{MM}}{\text{(INCHES)}}$

Derating Curve



SHAFT SHOWN IN CCW POSITION



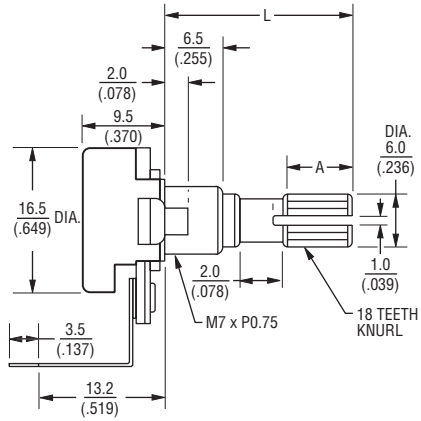
*RoHS Directive 2002/95/EC Jan 27 2003 including Annex.
 Specifications are subject to change without notice.
 Customers should verify actual device performance in their specific applications.

PDB18 Series - 17 mm Rotary Potentiometer

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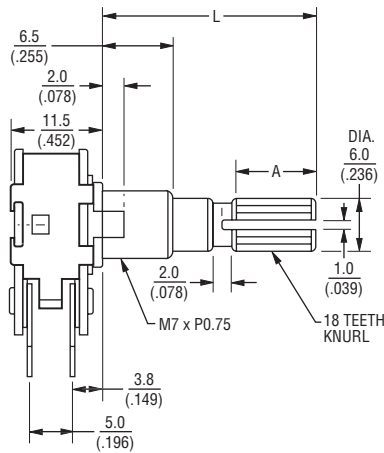
Product Dimensions

PDB181-P

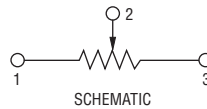


SHAFT SHOWN IN CCW POSITION

**PDB182-K
Dual Gang**

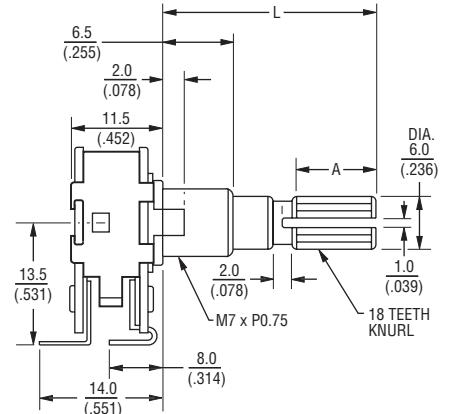


SHAFT SHOWN IN CCW POSITION



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

**PDB182-E
Dual Gang**

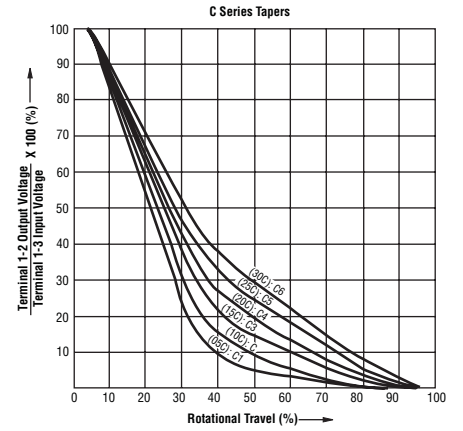
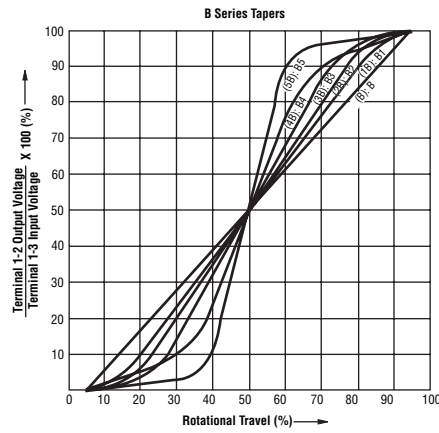
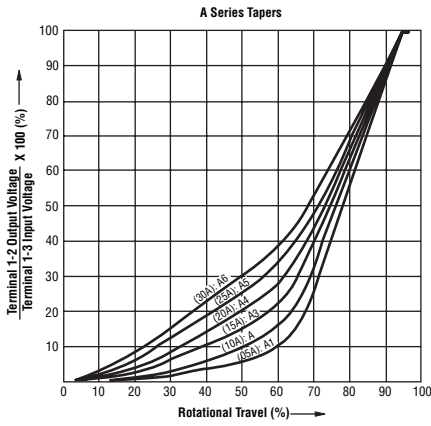


SHAFT SHOWN IN CCW POSITION

PDB18 Series - 17 mm Rotary Potentiometer

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Tapers



REV. 11/09

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