PDB181-GTR Series - 17 mm Guitar Potentiometer

Features
- Carbon element
- Plain or knurled shaft option
- Metal bushing
- Metal shaft
- Rear solder lugs
- Compact size
- Dual gang option

Electrical Characteristics
- Taper: Linear, audio
- Standard Resistance Range: 10 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: 0.2 watt
  - Dual Section: 0.125 watt
  - Audio: 0.1 watt
- Maximum Operating Voltage:
  - Linear: 200 V
  - Audio: 150 V
- Sliding Noise: 47 mV max.

Mechanical Characteristics
- Mechanical Angle: 300 ° ±5 °
- Rotational Torque: 10 to 150 gf-cm
- Stop Strength: 5 kg-cm min.
- Rotational Life: 15,000 cycles
- Soldering Condition: 260 °C max. within 3 seconds
- Hardware: Two flat washers and two mounting nuts supplied per potentiometer

Derating Curve

Hardware

Dimensions:

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

Specifications are subject to change without notice.
Users should verify actual device performance in their specific applications.
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Additional Features
- Variety of resistance values
- Audio or linear taper option
- RoHS compliant

PDB181-GTR Series - 17 mm Guitar Potentiometer

Taper Charts

A Series Tapers

B0 Taper

C2 Taper

Circuit

Single Gang

Dual Gang

How to Order

PDB181 - GTR 01 - 103 A2

Model

Number of Sections
1 = Single Section
2 = Dual Section

Guitar Pot Designator

Configuration
01 = Knurled Shaft/Solder Lugs
02 = Plain Shaft/Solder Lugs
03 = Knurled Shaft (Long)/Solder Lugs
04 = Plain Shaft (Long)/Solder Lugs

Resistance Code (See Table)

Resistance Taper (See Taper Charts)

Standard Resistance Table

<table>
<thead>
<tr>
<th>Resistance (Ohms)</th>
<th>Resistance Code</th>
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<td>103</td>
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<tr>
<td>25,000</td>
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<tr>
<td>1,000,000</td>
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</tbody>
</table>

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REV. 10/19

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