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

**Product Dimensions**

**Hardware**

**Derating Curve**

**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*

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**PDB181-GTR Series - 17 mm Guitar Potentiometer**

**Taper Charts**

**A Series Tapers**

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**B0 Taper**

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**C2 Taper**

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**Circuit**

**Single Gang**

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**Dual Gang**

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**How to Order**

**PDB18 1 - 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)**

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**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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<td>503</td>
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<td>104</td>
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<tr>
<td>500,000</td>
<td>504</td>
</tr>
<tr>
<td>1,000,000</td>
<td>105</td>
</tr>
</tbody>
</table>

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