Features
- Carbon element
- Plain or knurled shaft option
- Metal bushing
- Metal shaft
- Rear solder lugs
- Audio or linear taper options
- Variety of resistance values
- Detent at “no-load” position
- RoHS compliant

PDB241-GNL Series - “No-Load” Guitar Potentiometer

Electrical Characteristics
Taper.................................Audio, linear
Standard Resistance ........10K to 1M ohms
Standard Resistance Tolerance ........±20%

Environmental Characteristics
Operating Temperature ...........-10 °C to +70 °C
Power Rating.........................0.25 watt
Maximum Operating Voltage ........250 V
Rotational Noise .....................150 mV max.

Mechanical Characteristics
Mechanical Angle ..................300 ° ±5 °
Rotational Torque .................50 to 150 gf-cm
Stop Strength .......................8 kg-cm min.
Rotational Life .....................15,000 cycles min.
Detent Position ....................300 °
Detent Torque .......................100-300 gf-cm
Soldering Condition
- Manual Soldering .................300 °C within 3 seconds
- Wave Soldering ...................260 °C within 3 seconds
Hardware .........................Two flat washers and two mounting nuts supplied per potentiometer

Derating Curve

Standard Resistance Table

<table>
<thead>
<tr>
<th>Resistance (Ohms)</th>
<th>Resistance Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>10,000</td>
<td>103</td>
</tr>
<tr>
<td>25,000</td>
<td>253</td>
</tr>
<tr>
<td>50,000</td>
<td>503</td>
</tr>
<tr>
<td>100,000</td>
<td>104</td>
</tr>
<tr>
<td>250,000</td>
<td>254</td>
</tr>
<tr>
<td>300,000</td>
<td>304</td>
</tr>
<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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973-887-2550 • Toll Free 1-800-631-8083 • Fax 973-887-1940
http://www.potentiometers.com
Inquire for availability of other tapers.

Specifications are subject to change without notice.
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.