**Features**
- Carbon element
- Plain or knurled shaft option
- Metal bushing/metal shaft
- Center detent standard
- Rear solder lugs or PC pins
- 250K and 500K standard resistance values
- Standard M and N taper
- RoHS compliant*

**Electrical Characteristics**
- Taper: Linear, audio
- Standard Resistance Range: 250K to 500K ohms
- Standard Resistance Tolerance: ±20%
- Residual Resistance: 1% max.

**Environmental Characteristics**
- Operating Temperature: -10 °C to +50 °C
- Power Rating: Dual Section 0.06 watt
- Maximum Operating Voltage: Audio 150 V
- Sliding Noise: 47 mV max.

**Mechanical Characteristics**
- Mechanical Angle: 300 ° ±5 °
- Rotational Torque: 10 to 150 gf-cm
- Detent Torque: 50 to 300 gf-cm
- Stop Strength: 15,000 cycles
- Soldering Condition: Manual/Wave

**Standard Resistance Table**

<table>
<thead>
<tr>
<th>Resistance (Ohms)</th>
<th>Resistance Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>250,000</td>
<td>254</td>
</tr>
<tr>
<td>500,000</td>
<td>504</td>
</tr>
</tbody>
</table>

**Product Dimensions**

**How to Order**

PDB18 2 - GTR B1 - 254 MN

Model
Number of Sections
2 = Dual Section
Guitar Pot Designator
Configuration
B1 = Knurled Shaft/Solder Lugs/Center Detent
B2 = Plain Shaft/Solder Lugs/Center Detent
B3 = Knurled Shaft/PC Pins/Center Detent
B4 = Plain Shaft/PC Pins/Center Detent
Resistance Code (See Table)
Resistance Taper (See Taper Chart)

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

*RoHS Directive 2015/863, Mar 31, 2015 and Annex. Specifications are subject to change without notice. Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific disclaimers as set forth on the last page of this document, and at www.bourns.com/legal/disclaimer.pdf.
**Taper Chart**

- **M and N Taper**

**Derating Curve**

- **Rating Power Ratio (%)**

**Circuit**

- **Dual Gang**

**NOTE:** Resistance characteristics of curve N is plotted with respect to terminal "3"
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