

Features

- Low torque
- Carbon element
- Plain or knurled shaft option
- Metal bushing
- Metal shaft
- Rear solder lugs
- Audio or linear taper options



- Variety of resistance values
- RoHS compliant*

PDB241-GTR Series - 24 mm Guitar Potentiometer

Electrical Characteristics

Taper......Audio, linear Standard Resistance10K 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 Noise150 mV max.

Mechanical Characteristics

Mechanical Angle300 $^{\circ}$ ±5 $^{\circ}$ Rotational Torque10 to 45 g-cm Stop Strength...... 8 kg-cm min. Rotational Life......15,000 cycles min. Soldering Condition

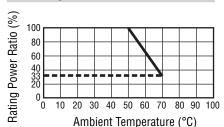
Manual Soldering

......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

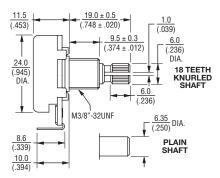


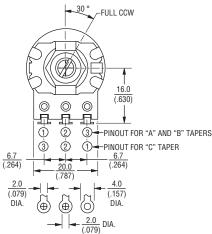
Standard Resistance Table

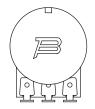
Resistance (Ohms)	Resistance Code
10,000	103
25,000	253
50,000	503
100,000	104
250,000	254
300,000	304
500,000	504
1,000,000	105

Product Dimensions

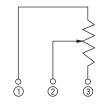
PDB241-GTR01



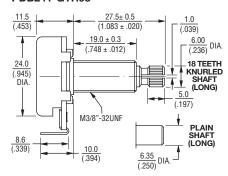


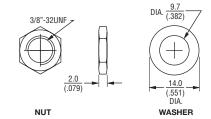


Circuit



PDB241-GTR03



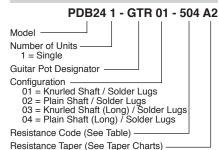


TOLERANCES:

UNDER $\frac{10.0}{(.394)}$ 10.0 ~ 100 ±0.3 $\frac{10.0 \sim 100}{(.394 \sim 3.937)} = \frac{\pm 0.5}{(\pm .020)}$

> MM DIMENSIONS: (INCHES)

How To Order





WARNING Cancer and Reproductive Harm

www.P65Warnings.ca.gov

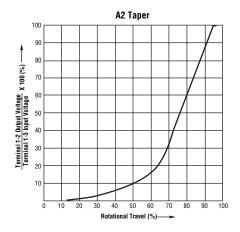
*RoHS Directive 2015/863, Mar 31, 2015 and Annex. Specifications are subject to change without notice.

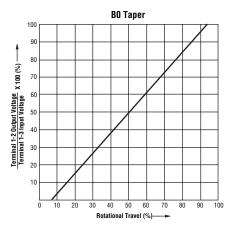
Users should verify actual device performance in their specific applications.

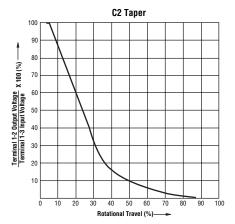
PDB241-GTR Series - 24 mm Guitar Potentiometer

BOURNS®

Taper Charts







Other tapers available.

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