

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 Resistance.....10K to 1M ohms
Standard Resistance Tolerance.....±20 %

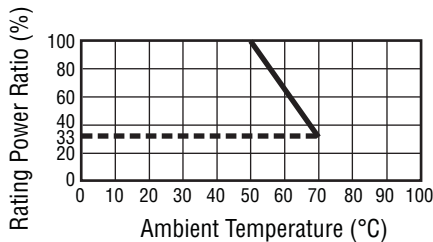
Environmental Characteristics

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.....10 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.....One flat washer and mounting nut supplied per potentiometer with bushing

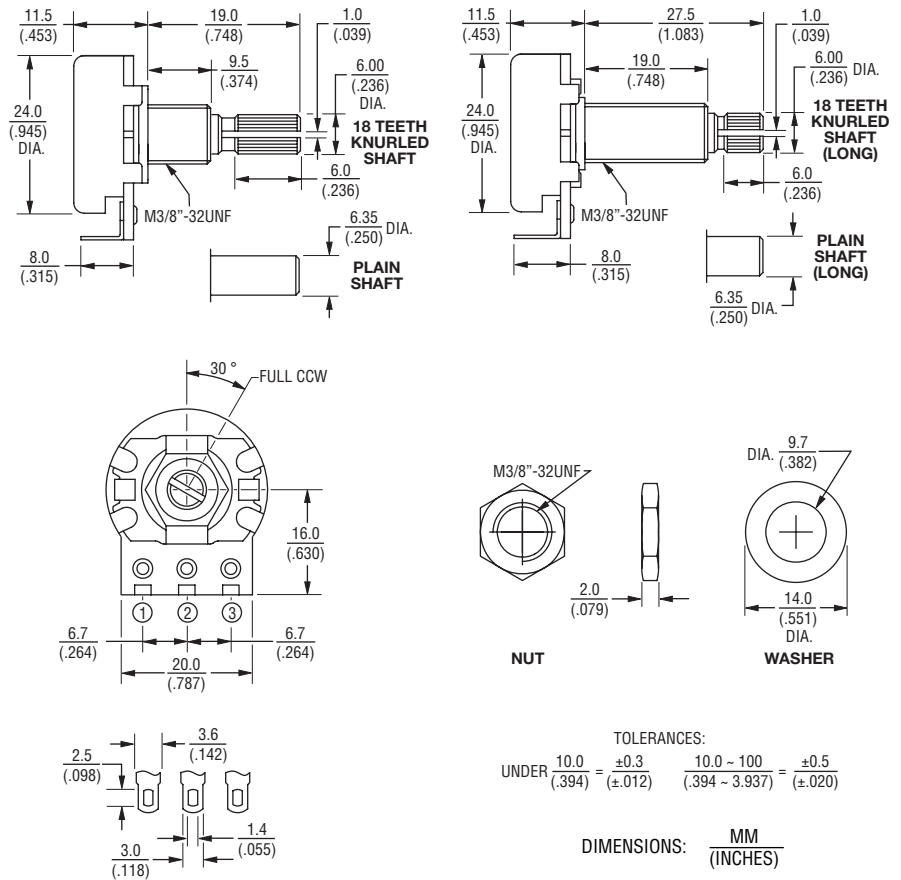
Derating Curve



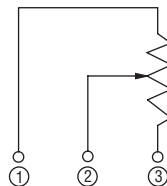
Standard Resistance Table

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



Circuit



How To Order

PDB24 1 - GTR 01 - 504 A2

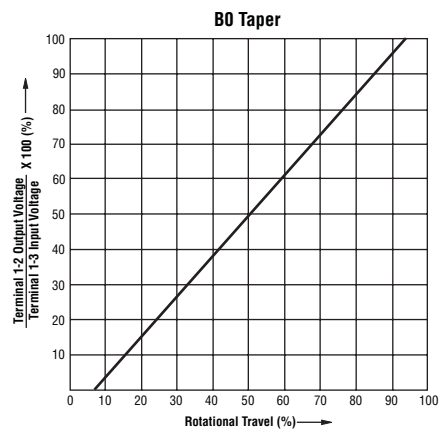
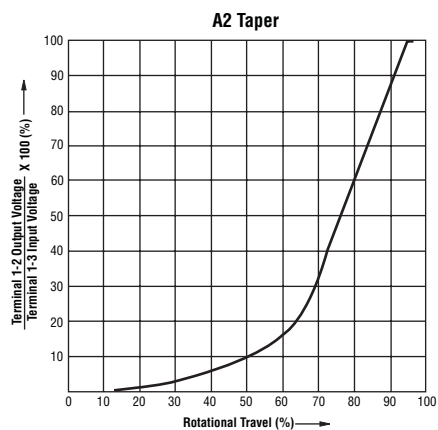
Model _____
Number of Units _____
1 = Single
Guitar Pot Designator _____
Configuration _____
1 = Knurled Shaft / Solder Lugs
2 = Plain Shaft / Solder Lugs
3 = Knurled Shaft (Long) / Solder Lugs
4 = Plain Shaft (Long) / Solder Lugs
Resistance Code (See Table) _____
Resistance Taper (See Taper Charts) _____

*RoHS Directive 2002/95/EC Jan 27 2003 including Annex
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.

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Taper Chart



Other tapers available.

REV. 06/10

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