

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

TaperAudio, linear
Standard Resistance
.....from 10K to 1M ohms
Standard Resistance Tolerance±20 %

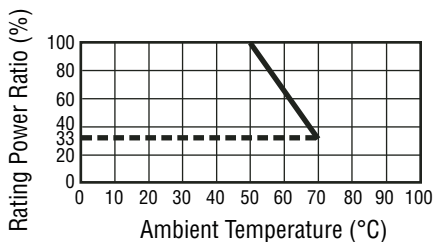
Environmental Characteristics

Operating Temperature
.....-10 °C to +70 °C
Power Rating0.25 watt
Maximum Operating Voltage250 V
Rotational Noise.....150 mV max.

Mechanical Characteristics

Mechanical Angle300 ° ±5 °
Rotational Torque10 to 45 g-cm
Stop Strength.....8 kg-cm min.
Rotational Life15,000 cycles min.
Soldering Condition
Manual Soldering
.....300 °C within 3 seconds
Wave Soldering
.....260 °C within 3 seconds
HardwareOne flat washer and
mounting nut supplied per
potentiometer with bushing

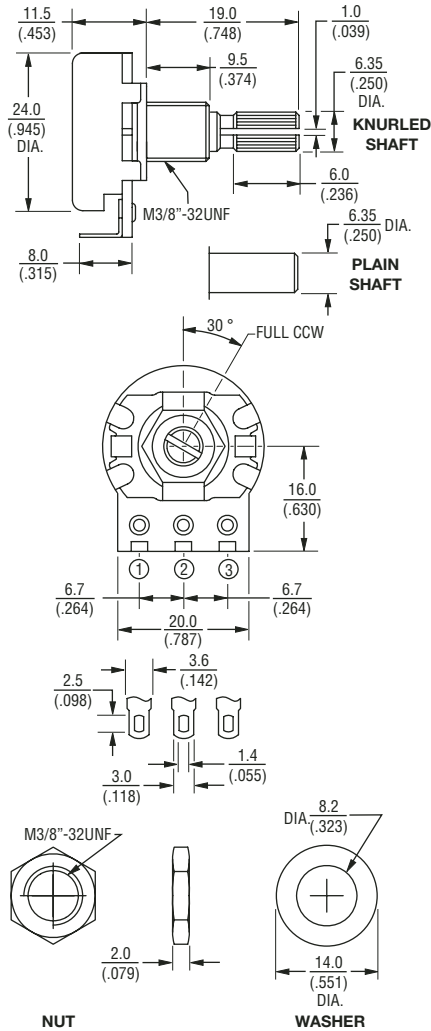
Derating Curve



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

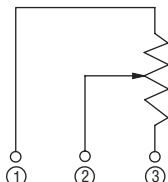
Product Dimensions



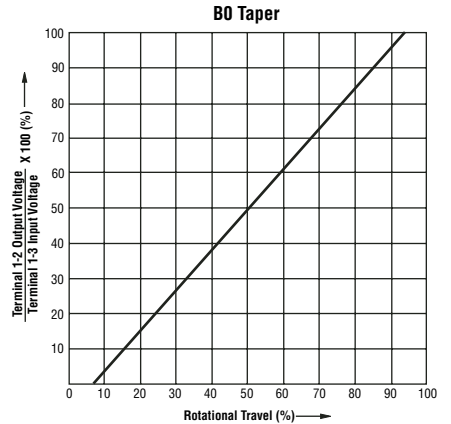
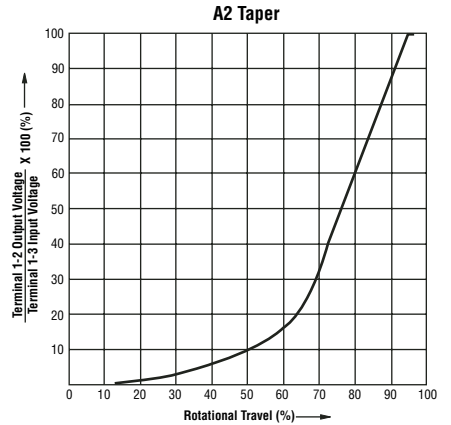
NUT
WASHER

TOLERANCES:
UNDER 10.0 = ±0.3 (±.012) 10.0 ~ 100 = ±0.5 (±.020)
DIMENSIONS ARE: MM (INCHES)

Circuit



Taper Chart



Other tapers available.

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
Resistance Code (See Table) _____
Resistance Taper (See Taper Charts) _____