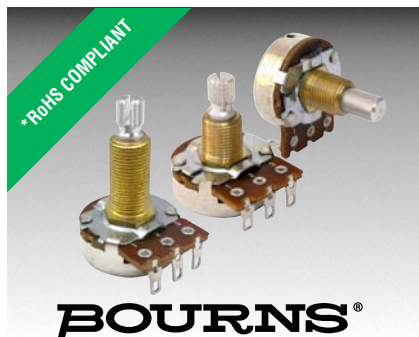




Features

- 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 %

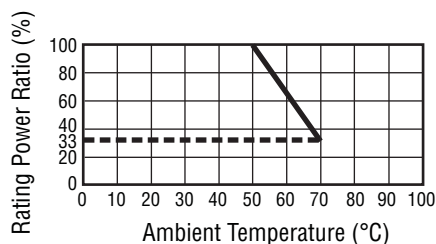
Environmental Characteristics

Operating Temperature-10 °C to +70 °C
Power Rating0.25 watt
Maximum Operating Voltage250 V
Rotational Noise150 mV max.

Mechanical Characteristics

Mechanical Angle300 ° ±5 °
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
HardwareTwo flat washers and
two mounting nuts supplied
per potentiometer

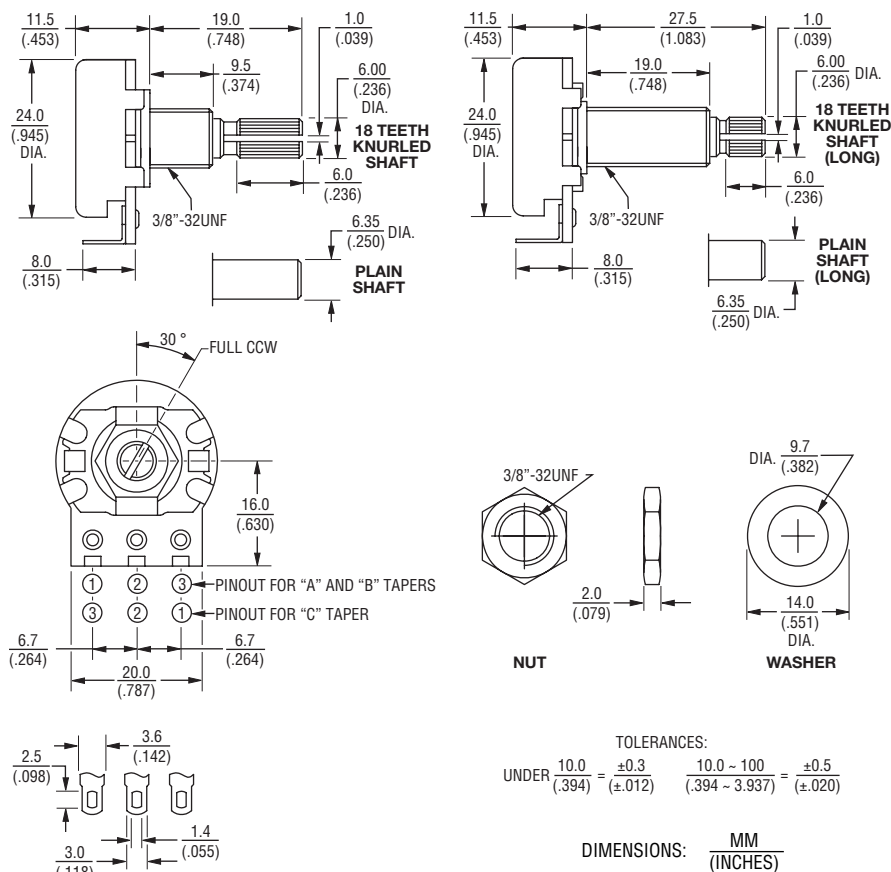
Derating Curve



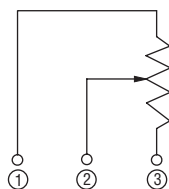
Standard Resistance Table

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



Circuit



How To Order

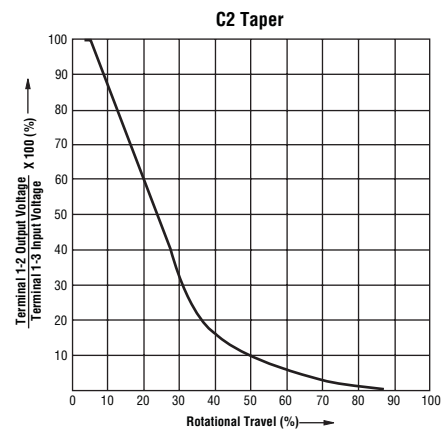
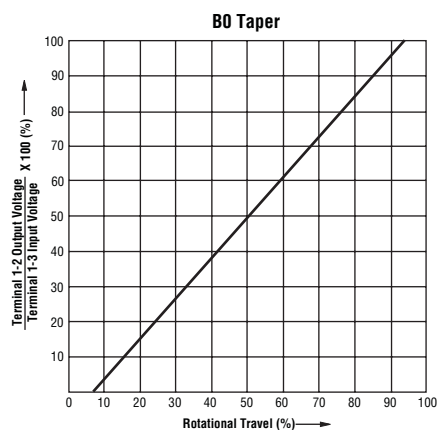
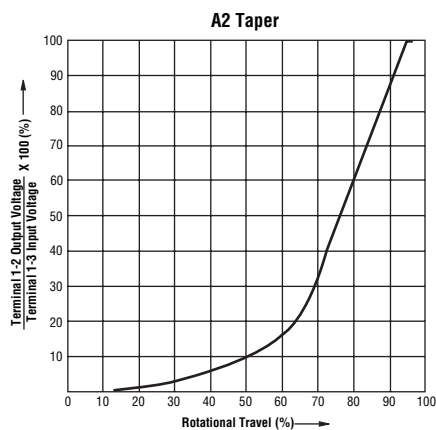
PDB24 1 - GTR 01 - 504 A2

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) _____

PDB241-GTR Series - 24 mm Guitar Potentiometer

BOURNS®

Taper Charts



Other tapers available.