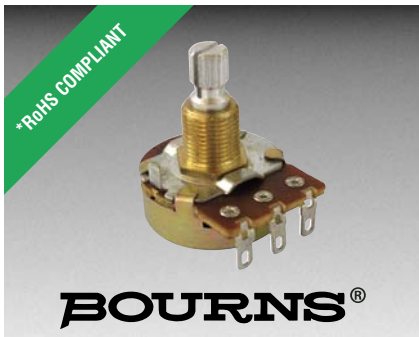




Features

- Low torque
- Carbon element
- Plain or knurled shaft option
- ESD wave washer
- Metal bushing
- Metal shaft

- Rear solder lugs
- RoHS compliant*

PDB241-GTR Series - 24 mm Guitar Potentiometer

Electrical Characteristics

TaperAudio
Standard Resistance250K and 500K ohms
Standard Resistance Tolerance±20 %

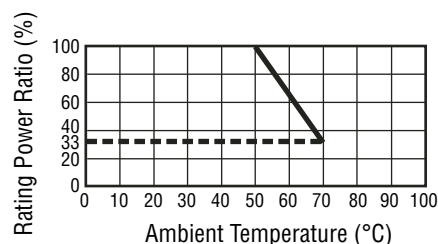
Environmental Characteristics

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

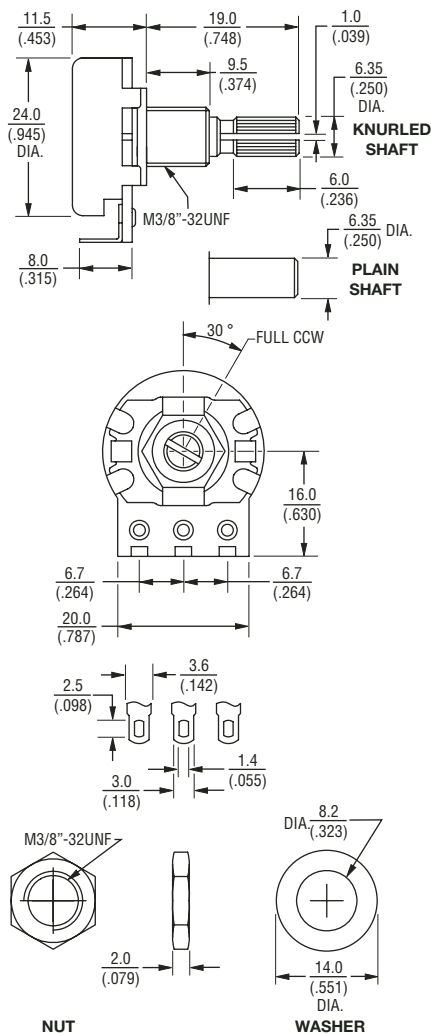
Mechanical Characteristics

Mechanical Angle300 ° ±5 °
Rotational Torque.....29 g-cm typical
Stop Strength.....8 kg-cm min.
Rotational Life15,000 cycles min.
Soldering Condition
Manual Soldering300 °C within 3 seconds
Wave Soldering260 °C within 3 seconds
HardwareOne flat washer and mounting nut supplied per potentiometer with bushing

Derating Curve



Product Dimensions

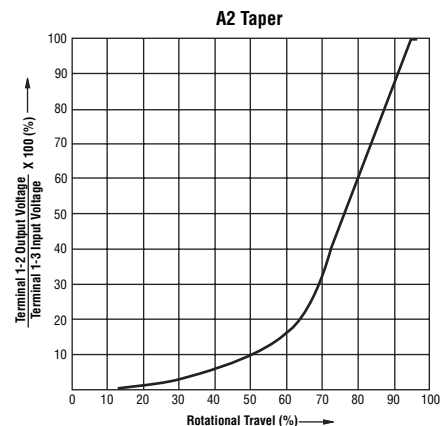


TOLERANCES:

$$\text{UNDER } \frac{10.0}{(.394)} = \frac{+0.3}{(\pm .012)} \quad \frac{10.0 \sim 100}{(.394 \sim 3.937)} = \frac{+0.5}{(\pm .020)}$$

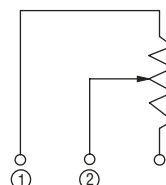
DIMENSIONS ARE: $\frac{\text{MM}}{(\text{INCHES})}$

Taper Chart



Other tapers available.

Circuit



Sensors & Controls

Asia-Pacific:

Tel: +886-2 2562-4117
Fax: +886-2 2562-4116

Europe:

Tel: +41-41 768 5555
Fax: +41-41 768 5510

The Americas:

Tel: +1-951 781-5500
Fax: +1-951 781-5700

www.bourns.com

Selection Guide

Part Number	Shaft Type	Taper	Resistance Value (Ω)
PDB241-GTR01-254A2	Knurled	Audio	250K
PDB241-GTR01-504A2	Knurled	Audio	500K
PDB241-GTR02-254A2	Plain	Audio	250K
PDB241-GTR02-504A2	Plain	Audio	500K