



Features

- Carbon element
- Plain or knurled shaft option
- Metal bushing/metal shaft
- Center detent standard
- Rear solder lugs or PC pins
- 250K and 500K standard resistance values
- Standard M and N taper

■ RoHS compliant*



PDB182-GTRB - 17 mm Blend-Balance Guitar Potentiometer

Electrical Characteristics

Taper..... Linear, audio
Standard Resistance Range..... 250K to 500K ohms
Standard Resistance Tolerance..... $\pm 20\%$
Residual Resistance..... 1 % max.

Environmental Characteristics

Operating Temperature..... -10°C to $+50^{\circ}\text{C}$
Power Rating
Dual Section..... 0.06 watt
Maximum Operating Voltage
Audio..... 150 V
Sliding Noise..... 47 mV max.

Mechanical Characteristics

Mechanical Angle..... $300^{\circ} \pm 5^{\circ}$
Rotational Torque..... 10 to 150 gf-cm
Detent Torque..... 50 to 300 gf-cm
Stop Strength..... 5 kg-cm min.
Rotational Life..... 15,000 cycles
Soldering Condition
Manual/Wave
..... 260°C max. for 3 seconds max.
Wash..... Not recommended
Hardware..... One flat washer and mounting nut supplied per potentiometer with bushing

Standard Resistance Table

Resistance (Ohms)	Resistance Code
250,000	254
500,000	504

How to Order

PDB18 2 - GTR B1 - 254 MN

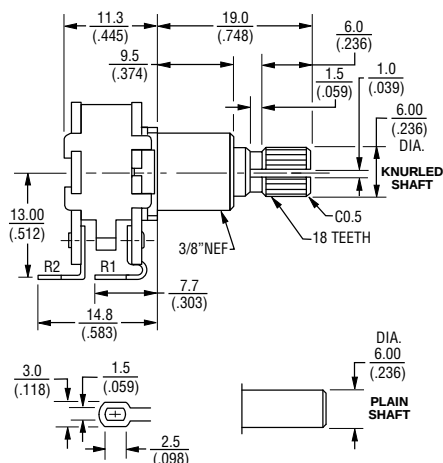
Model _____
Number of Sections _____
2 = Dual Section
Guitar Pot Designator _____
Configuration _____
B1 = Knurled Shaft/Solder Lugs/
Center Detent
B2 = Plain Shaft/Solder Lugs/
Center Detent
B3 = Knurled Shaft/PC Pins/
Center Detent
B4 = Plain Shaft/PC Pins/
Center Detent

Resistance Code (See Table) _____

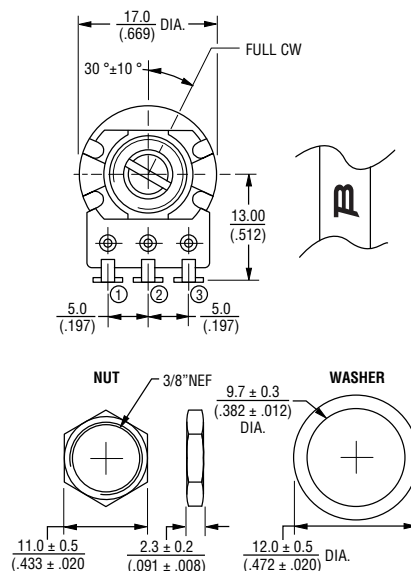
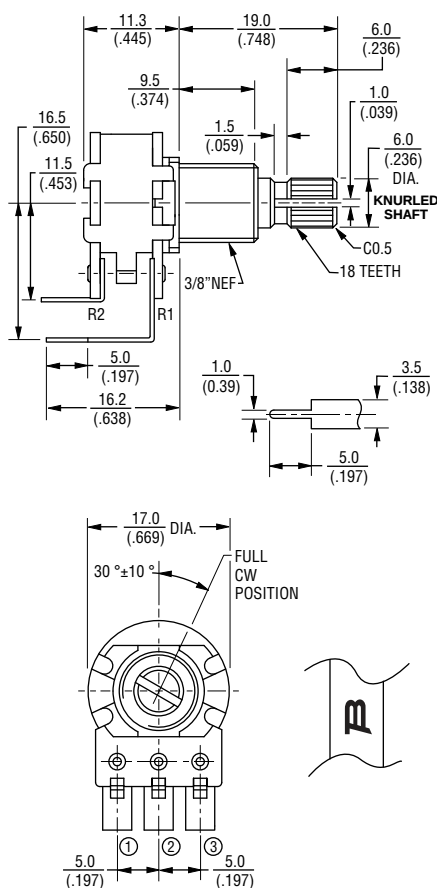
Resistance Taper (See Taper Chart) _____

Product Dimensions

**PDB182-GTRB1,
PDB182-GTRB2**



**PDB182-GTRB3,
PDB182-GTRB4**



TOLERANCES:
UNDER 10.0 $\frac{\pm 0.3}{(.394)} = \pm 0.12$ 10.0 ~ 100 $\frac{\pm 0.5}{(.394 \sim 3.937)} = \pm 0.020$



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.

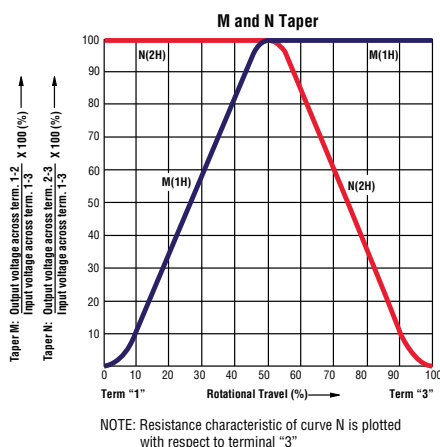
Users should verify actual device performance in their specific applications.

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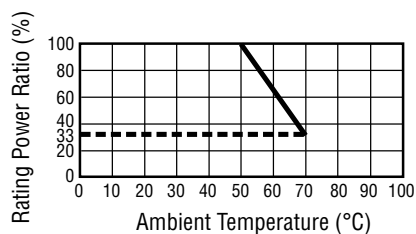
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Taper Chart

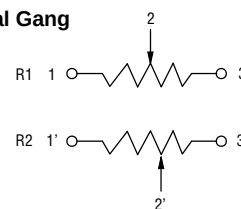


Derating Curve



Circuit

Dual Gang



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REV. 10/19

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