



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

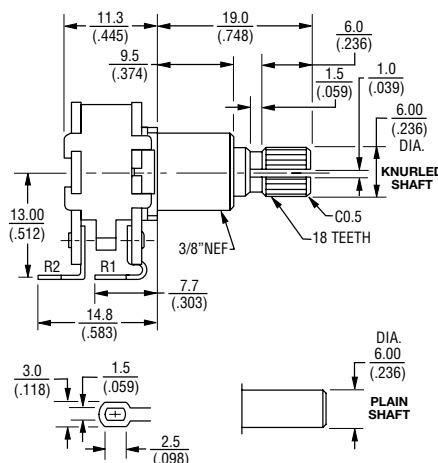
How to Order

PDB18 2 - GTR B1 - 254 MN

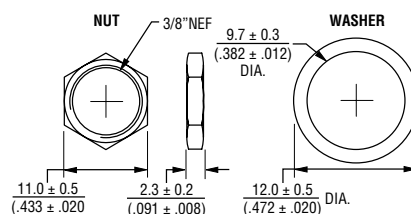
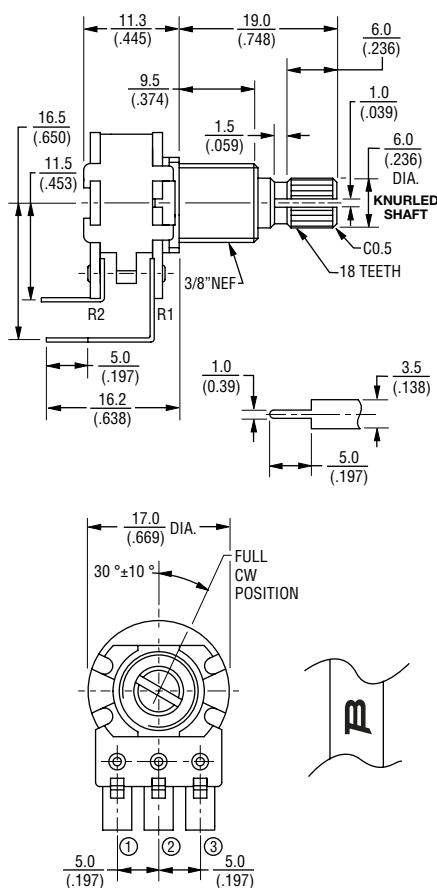
Model _____
Number of Sections _____
2 = Dual Section
Guitar Pot Designator _____
Configuration _____
B1 = Knurled Shaft/Solder Lugs/
Center Detent
B2 = Plain Shaft/Solder Lugs/
Center Detent
B3 = Knurled Shaft/PC Pins/
Center Detent
B4 = Plain Shaft/PC Pins/
Center Detent
Resistance Code (See Table) _____
Resistance Taper (See Taper Chart) _____

Product Dimensions

**PDB182-GTRB1,
PDB182-GTRB2**



**PDB182-GTRB3,
PDB182-GTRB4**



TOLERANCES:

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

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

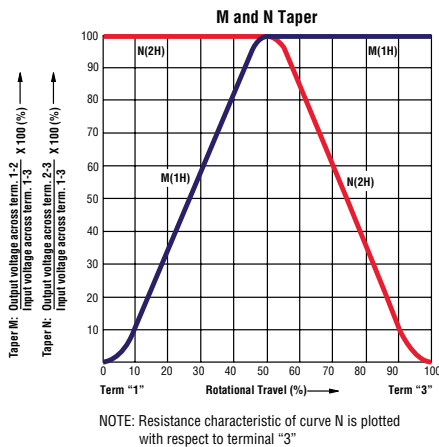
Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.

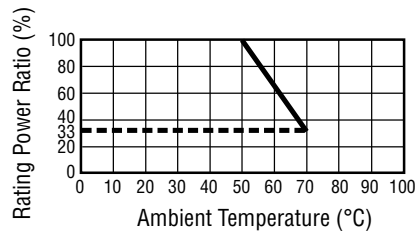
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Taper Chart

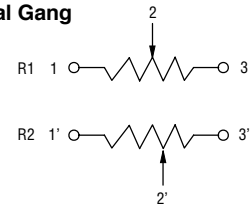


Derating Curve



Circuit

Dual Gang



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