

## **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-GTRB3,

PDB182-GTRB4

## PDB182-GTRB - 17 mm Blend-Balance Guitar Potentiometer

#### **Electrical Characteristics**

TaperLinear, audio
Standard Resistance Range
250K to 500K ohms
Standard Resistance Tolerance ±20 %
Residual Resistance 1 % max.

#### **Environmental Characteristics**

Operating Temperature10 °C to +50 °C
Power Rating
Dual Section 0.06 watt
Maximum Operating Voltage
Audio150 V
Sliding Noise47 mV max.

### **Mechanical Characteristics**

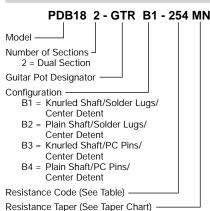
Mechanical Angle	300 ° ±5 °
Rotational Torque	10 to 150 gf-cm
Detent Torque	50 to 300 gf-cm
Stop Strength	
Rotational Life	15,000 cycles
Soldering Condition	-

Manual/Wave

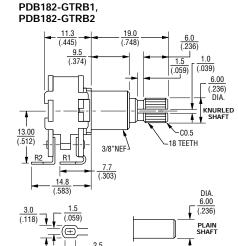
### **Standard Resistance Table**

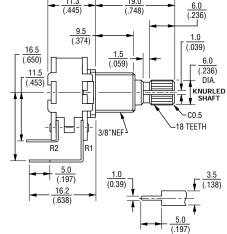
Resistance	Resistance
(Ohms)	Code
250,000	254
500,000	504

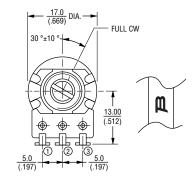
### **How to Order**

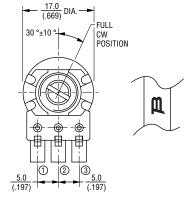


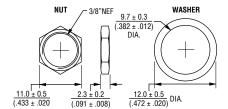
## **Product Dimensions**











 $\begin{array}{c} \text{TOLERANCES:} \\ \text{UNDER} \, \frac{10.0}{(.394)} = \frac{\pm 0.3}{(\pm .012)} \quad \frac{10.0 - 100}{(.394 - 3.937)} = \frac{\pm 0.3}{(\pm .02)} \end{array}$ 



## WARNING Cancer and Reproductive Harm

 $\underline{www.P65Warnings.ca.gov}$ 

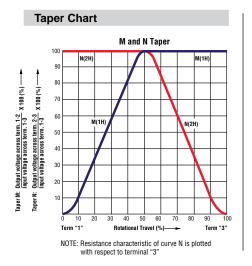
\*RoHS Directive 2015/863, Mar 31, 2015 and Annex. Specifications are subject to change without notice.

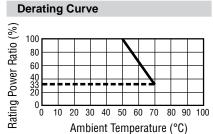
Users should verify actual device performance in their specific applications.

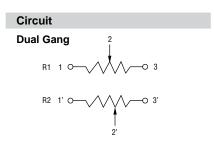
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# PDB182-GTRB - 17 mm Blend-Balance Guitar Potentiometer

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