

Features

- Carbon element
- Plain or knurled shaft option
- Metal bushing/metal shaft
- Center detent standard
- Rear solder lugs or PC pins
- 10K to 1M ohm 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
..... 10K to 1M 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

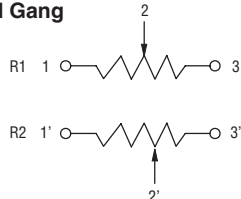
Mechanical Angle $300^{\circ} \pm 5^{\circ}$
Rotational Torque 10 to 150 gf-cm
Detent Torque 50 to 300 gf-cm
Stop Strength 5 kg-cm min.
Rotational Life 15,000 cycles
Soldering Condition
Manual/Wave
..... 260°C max. for 3 seconds max.
Wash..... Not recommended
Hardware One flat washer and
mounting nut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

Standard Resistance Table

Resistance (Ohms)	Resistance Code
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

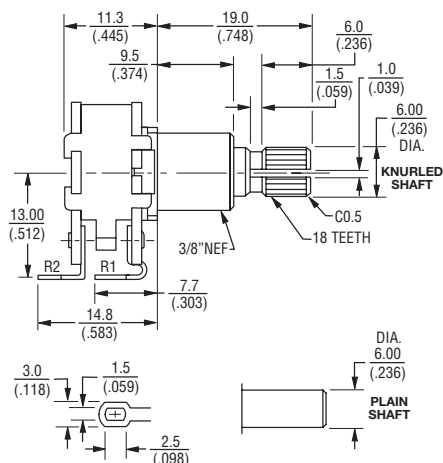
Circuit

Dual Gang

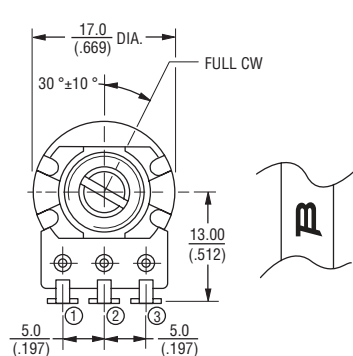
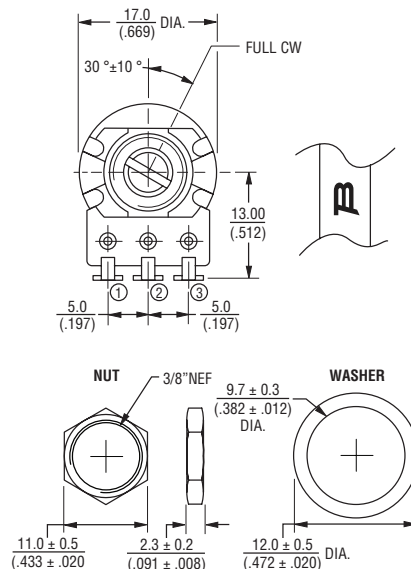
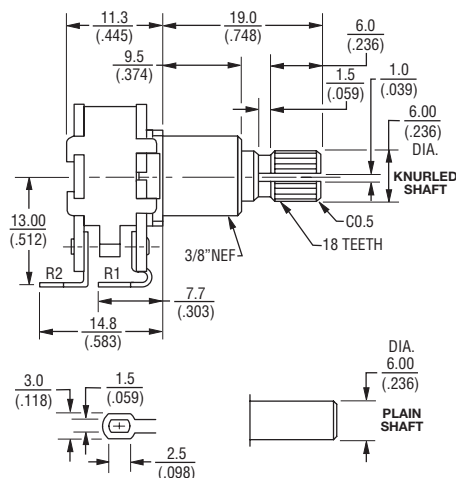


Product Dimensions

PDB182-GTRB1,
PDB182-GTRB2



PDB182-GTRB1,
PDB182-GTRB2



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

Additional Information

Click these links for more information:



PRODUCT



TECHNICAL
LIBRARY



INVENTORY



SAMPLES



FOLLOW



CONTACT



CALIFORNIA WARNING Can expose you to lead, a carcinogen and reproductive toxicant.
See www.P65Warnings.ca.gov

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

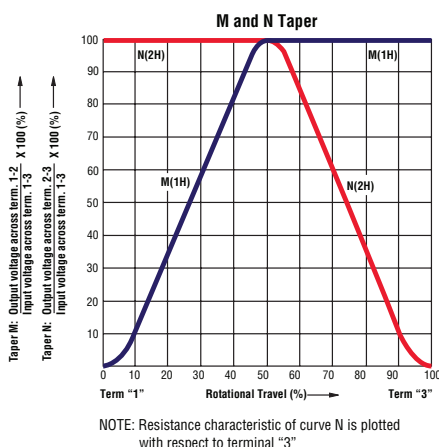
Users should verify actual device performance in their specific applications.

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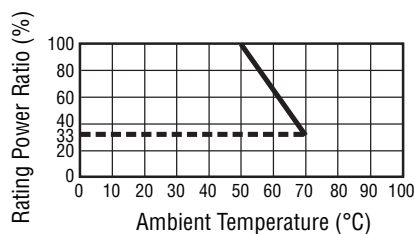
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Taper Chart

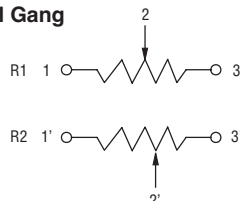


Derating Curve



Circuit

Dual Gang



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) _____

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