



Features

- Split knurled or plain shaft options
- DPDT push-pull switch
- Metal bushing and shaft
- Carbon element
- Linear and audio taper options
- RoHS compliant*

PDB183-GTR - 17 mm Guitar Potentiometer w/Push-Pull Switch

Electrical Characteristics

Taper..... Linear, audio
 Standard Resistance Range
 10K ohms to 1M ohms
 Standard Resistance Tolerance
 R≤1 KΩ ±30%
 1 KΩ<R<1 MΩ..... ±20%
 ≥1 MΩ ±30%
 Residual Resistance..... 1 % max.

Environmental Characteristics

Operating Temperature
-10 °C to +50 °C
 Power Rating
 Linear 0.2 watt
 Audio 0.1 watt
 Maximum Operating Voltage
 Linear200 V
 Audio150 V
 Sliding Noise.....47 mV max.

Mechanical Characteristics

Mechanical Angle 300 ° ±5 °
 Rotational Torque30 to 100 g-cm
 Stop Strength..... 5 kg-cm min.
 Rotational Life..... 15,000 cycles
 Switch Life 15,000 cycles
 Switch Type DPDT
 Switch Power Rating
 (Resistive Load)0.3 A @ 30 VDC
 Switch Travel 4.3 ± 0.2 mm
 (.169 ± .008 in.)

Soldering Condition
 Manual/Wave
260 °C max. for 3 seconds max.
 Wash Not recommended
 Hardware Two flat washers and
 two mounting nuts supplied per
 potentiometer

Additional Information

Click these links for more information:



PRODUCT
SELECTOR



TECHNICAL
LIBRARY



INVENTORY



SAMPLES



CONTACT

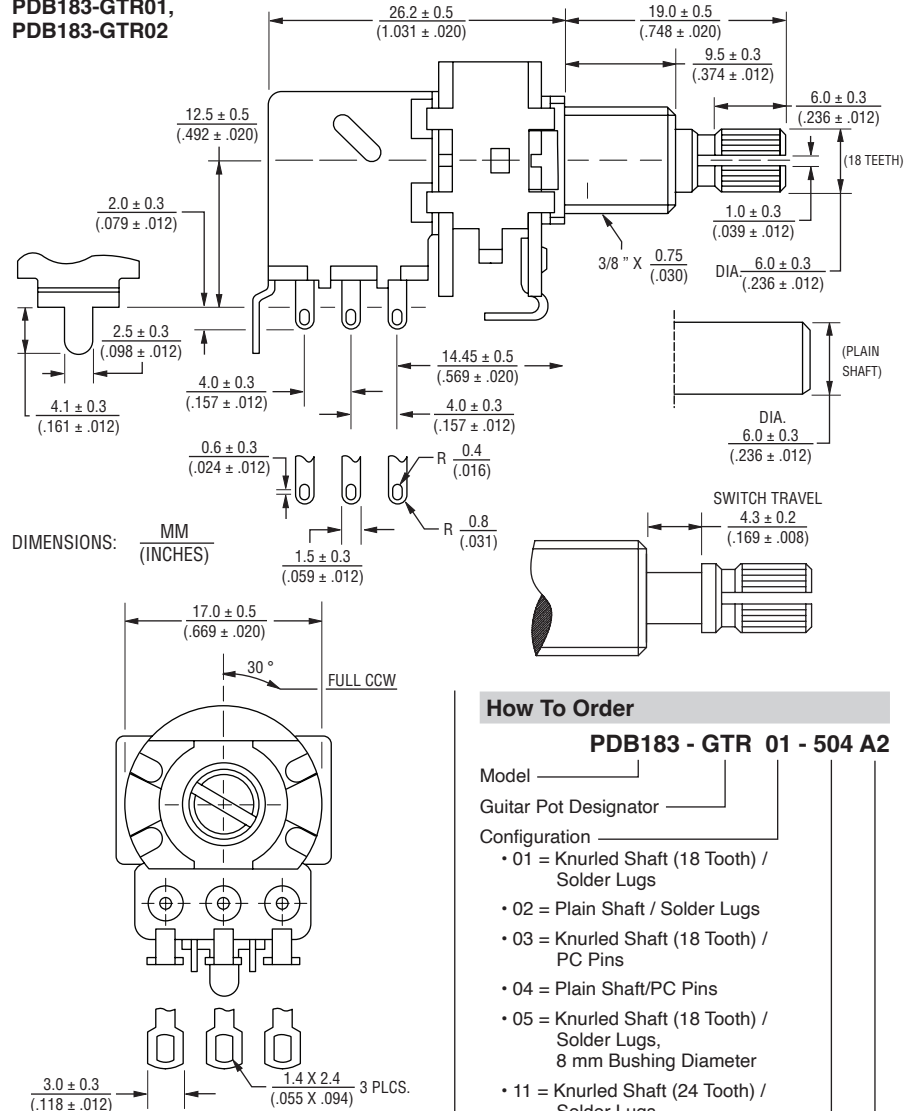


CALIFORNIA WARNING Can expose you
 to lead, a carcinogen and reproductive
 toxicant.
 See www.P65Warnings.ca.gov

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.
 Specifications are subject to change without notice.
 Users should verify actual device performance in their
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Product Dimensions

PDB183-GTR01,
 PDB183-GTR02



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

How To Order

PDB183 - GTR 01 - 504 A2

- Model _____
- Guitar Pot Designator _____
- Configuration _____
- 01 = Knurled Shaft (18 Tooth) / Solder Lugs
 - 02 = Plain Shaft / Solder Lugs
 - 03 = Knurled Shaft (18 Tooth) / PC Pins
 - 04 = Plain Shaft/PC Pins
 - 05 = Knurled Shaft (18 Tooth) / Solder Lugs, 8 mm Bushing Diameter
 - 11 = Knurled Shaft (24 Tooth) / Solder Lugs
 - 13 = Knurled Shaft (24 Tooth) / PC Pins
 - 21 = Knurled Shaft (18 Tooth) / Solder Lugs / Dual Gang
 - 22 = Plain Shaft / Solder Lugs/ Dual Gang
 - 31 = Knurled Shaft (18 Tooth) / Solder Lugs, Long Bushing
 - 32 = Plain Shaft / Solder Lugs / Long Bushing

Resistance Code (See table) _____

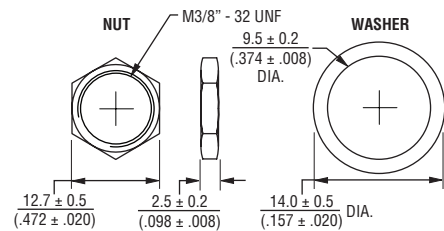
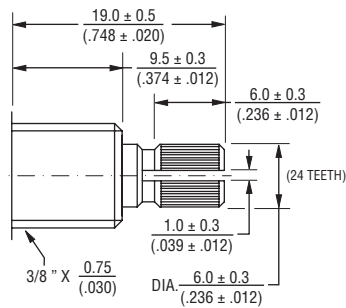
Resistance Taper (See taper charts) _____

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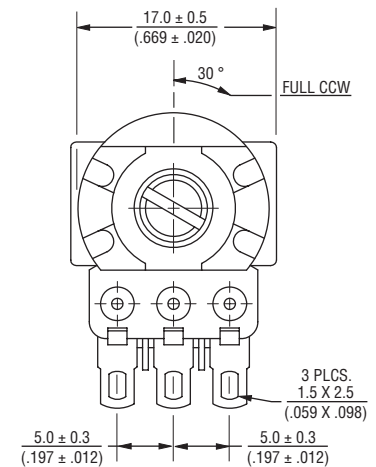
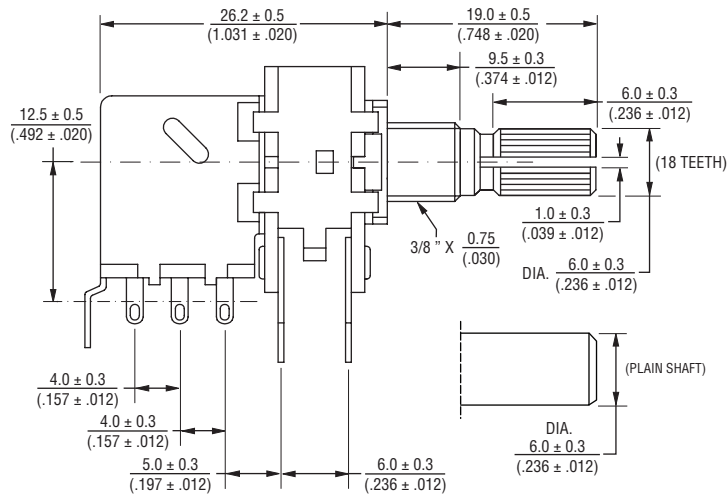
Product Dimensions

PDB183-GTR11,
PDB183-GTR13



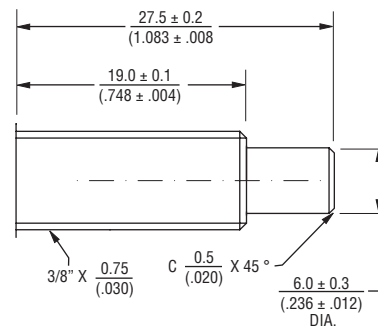
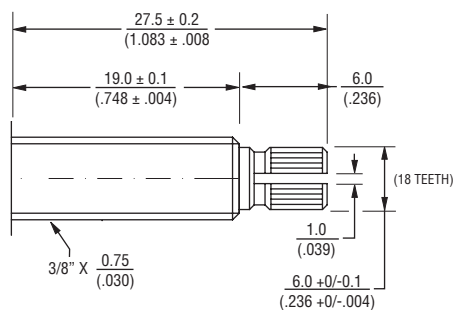
Product Dimensions

PDB183-GTR21,
PDB183-GTR22



Product Dimensions

PDB183-GTR31,
PDB183-GTR32



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

Specifications are subject to change without notice.

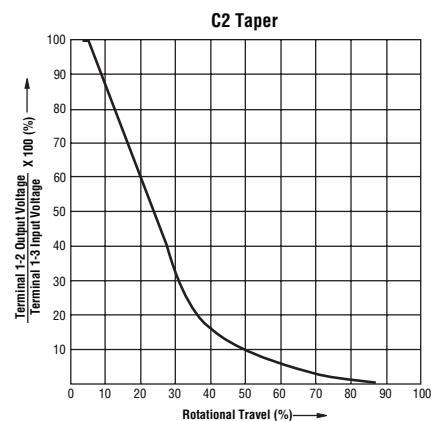
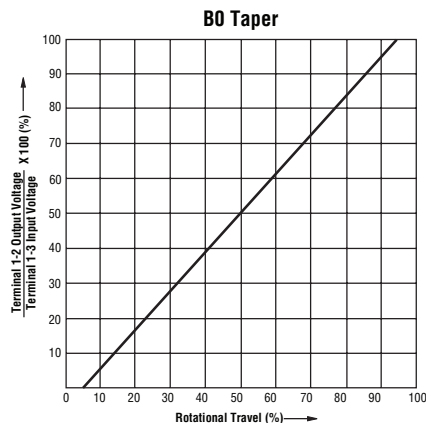
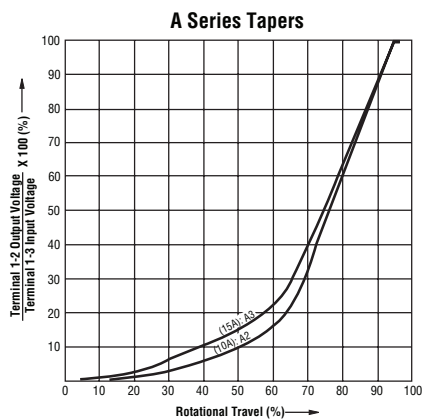
Users should verify actual device performance in their specific applications.

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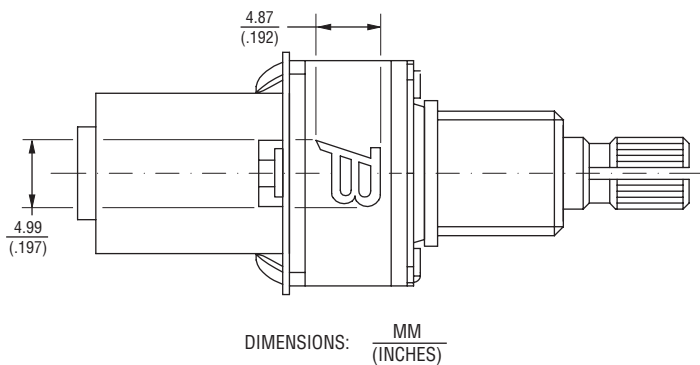
PDB183-GTR - 17 mm Guitar Potentiometer w/Push-Pull Switch

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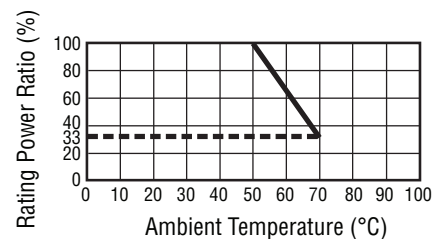
Tapers



Typical Part Marking



Derating Curve



REV. 07/25

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