Features

- Split knurled shaft
- 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... ±20 %
Residual Resistance ..... 1 % max.

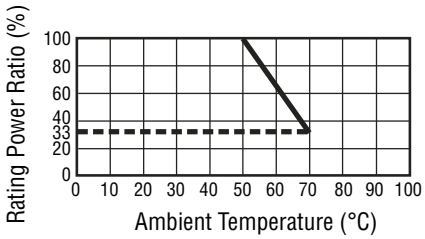
Environmental Characteristics

Operating Temperature
..... -10 °C to +50 °C
Power Rating
Linear ..... 0.2 watt
Audio ..... 0.1 watt
Maximum Operating Voltage
Linear ..... 200 V
Audio ..... 150 V
Sliding Noise ..... 47 mV max.

Mechanical Characteristics

Mechanical Angle ..... 300 ° ±5 °
Rotational Torque ..... 30 to 100 g-cm
Stop Strength ..... 5 kg-cm min.
Rotational Life ..... 15,000 cycles
Switch Life ..... 15,000 cycles
Switch Type ..... DPDT
Soldering Condition
..... 260 °C max. within 3 seconds
Hardware ..... One flat washer and mounting nut supplied per potentiometer with bushing

Derating Curve

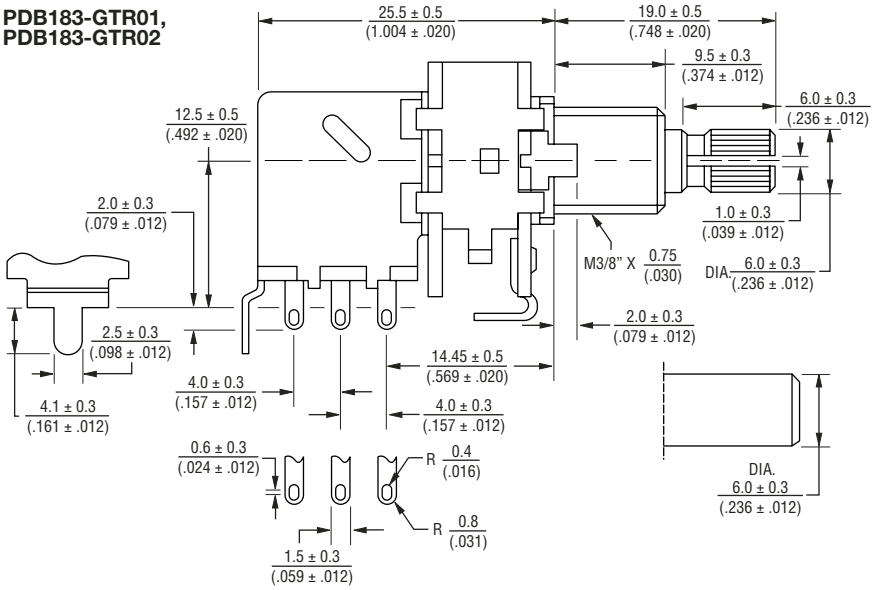


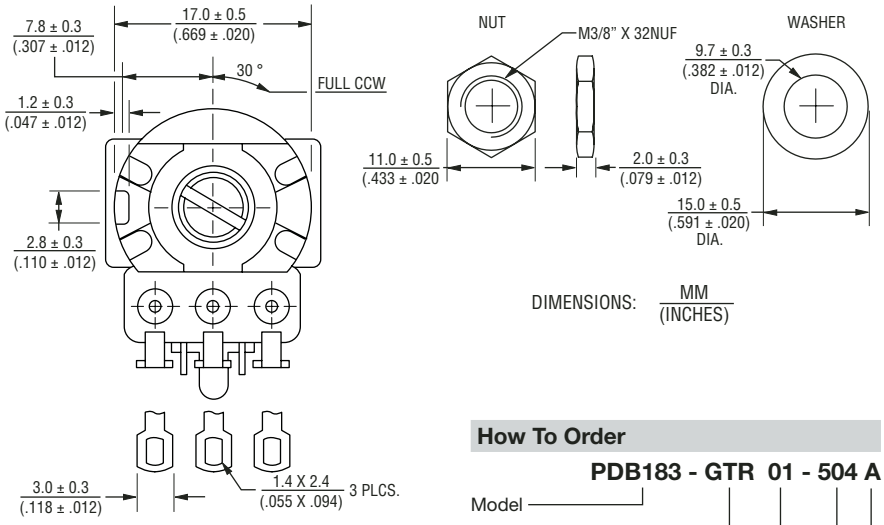
Standard Resistance Table

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

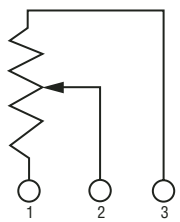
Product Dimensions

PDB183-GTR01, PDB183-GTR02





Circuit



How To Order

PDB183 - GTR 01 - 504 A

Model
Guitar Pot Designator
Configuration
- 01 = Knurled Shaft/Solder Lugs
- 02 = Plain Shaft/Solder Lugs
- 03 = Knurled Shaft/PC Pins
- 04 = Plain Shaft/PC Pins

Resistance Code (See table)
Resistance Taper (See taper charts)

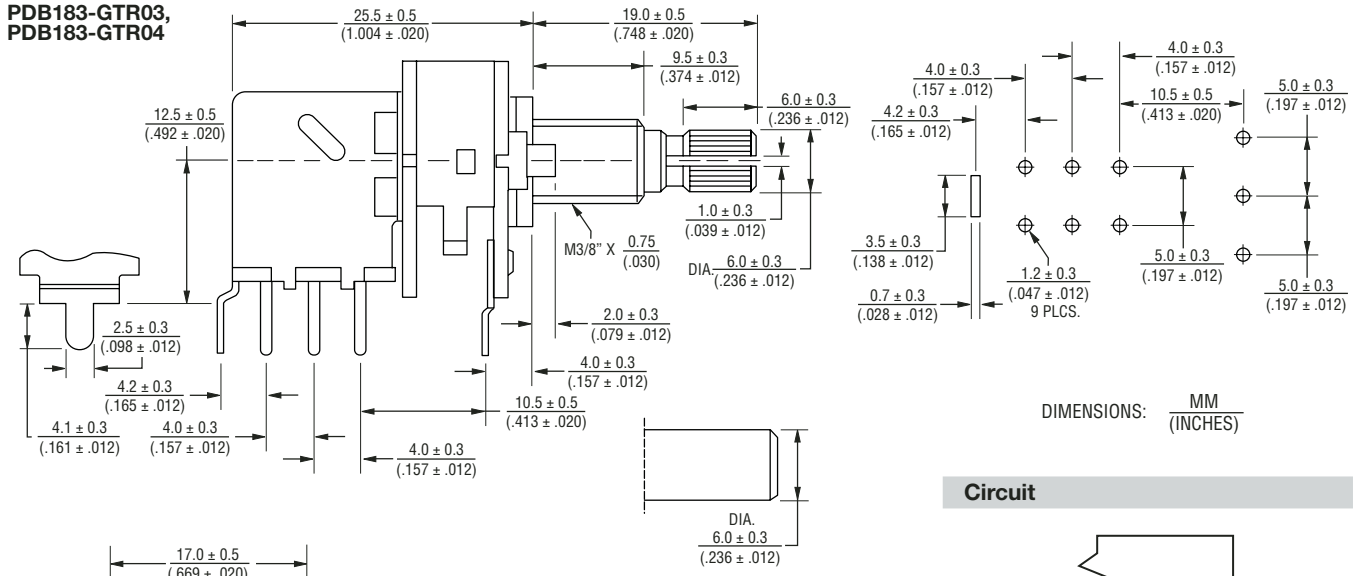
*RoHS Directive 2002/95/EC Jan 27 2003 including Annex.
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications

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

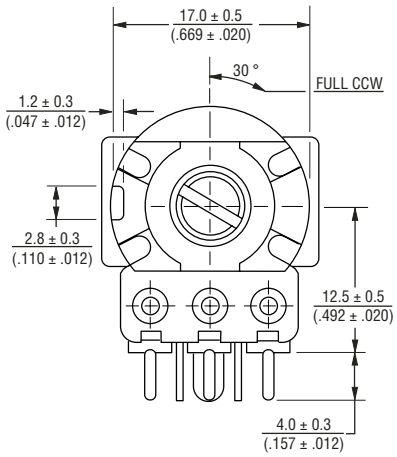
BOURNS®

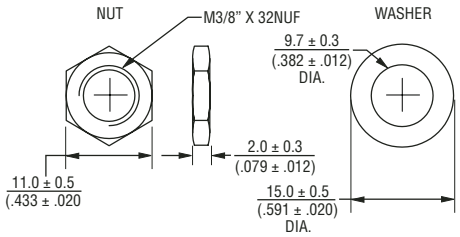
Product Dimensions

PDB183-GTR03, PDB183-GTR04

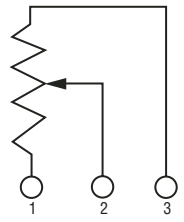


DIMENSIONS: MM / (INCHES)

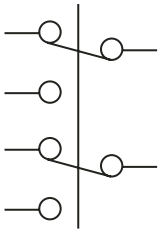




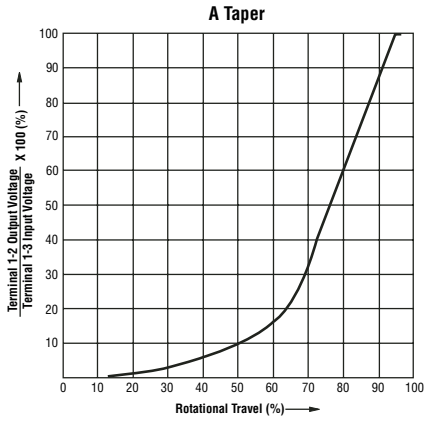
Circuit

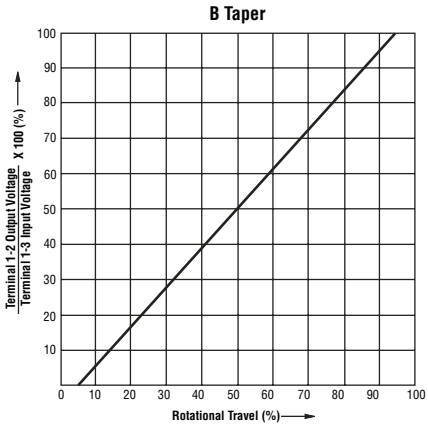


Switch

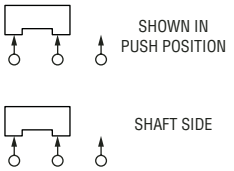


Tapers





Schematic



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