

Features

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



 6.0 ± 0.3

(18 TEETH)

(PLAIN

SHAFT)

¥

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

Electrical Characteristics

Taper..... Linear, audio Standard Resistance Range10K ohms to 1M ohms Standard Resistance Tolerance....±20 % Residual Resistance.....1 % max.

Environmental Characteristics

Operating Temperature	
10 °C t	o +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 Charact	teristics
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
Switch Power Rating	
(Resistive Load)	0.3 A @ 30 VDC
Switch Travel	4.3 ± 0.2 mm
	$(.169 \pm .008 in.)$

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:





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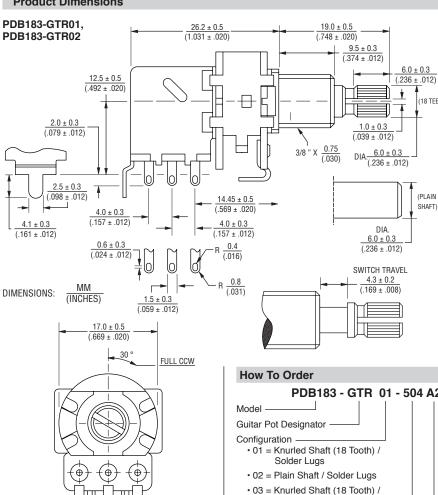
PRODUCT TECHNICAL INVENTORY SAMPLES

WARNING Cancer and Reproductive Harm 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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Product Dimensions



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

(.055 X .094) 3 PLCS.

PDB183 - GTR 01 - 504 A2

- 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) -

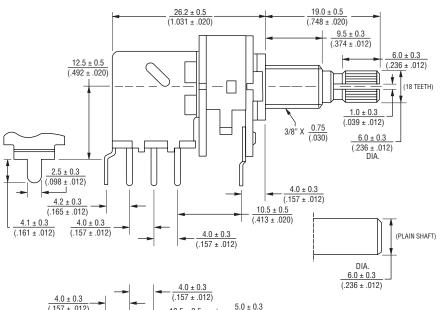
Resistance Taper (See taper charts)

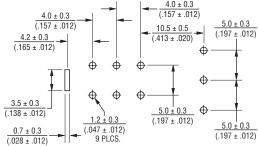
PDB183-GTR - 17 mm Guitar Potentiometer w/Push-Pull Switch

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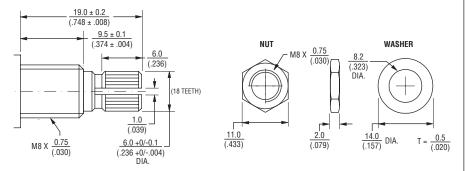
Product Dimensions

PDB183-GTR03, PDB183-GTR04

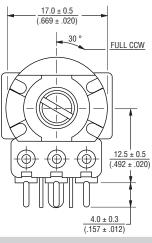




PDB183-GTR05



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

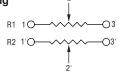


Circuit

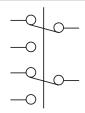
Single Gang



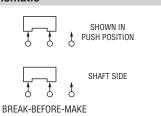
Dual Gang



Switch



Schematic



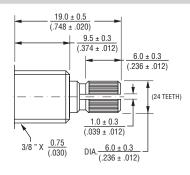
Specifications are subject to change without notice.

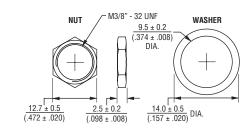
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Product Dimensions

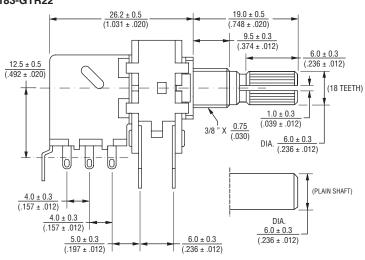
PDB183-GTR11, PDB183-GTR13

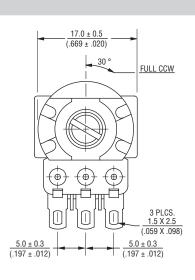




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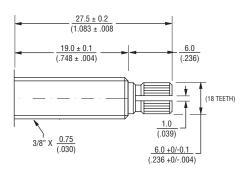
PDB183-GTR21, PDB183-GTR22

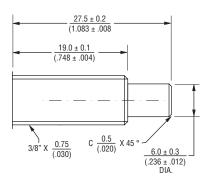




Product Dimensions

PDB183-GTR31, PDB183-GTR32



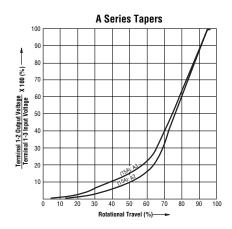


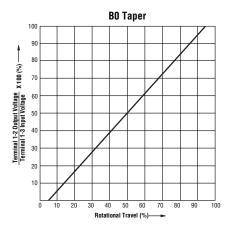
MM DIMENSIONS: (INCHES)

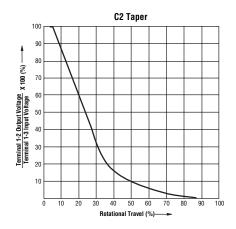
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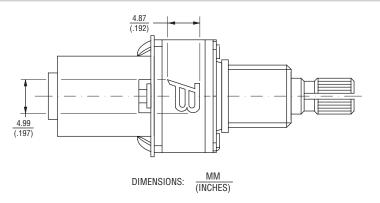
Tapers



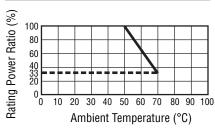




Typical Part Marking



Derating Curve



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