

## 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. $\qquad$ Linear, audio Standard Resistance Range . 10 K ohms to 1 M ohms Standard Resistance Tolerance...............20 \% Residual Resistance $\qquad$ 1 \% max.

## Environmental Characteristics

Operating Temperature
_........................... $10^{\circ} \mathrm{C}$ to $+50^{\circ} \mathrm{C}$
Power Rating
Linear ...................................................... watt
Audio watt
Maximum Operating Voltage
Linear ............................................................................. V V
Audio ....................... 47 mV max.

## Mechanical Characteristics

Mechanical Angle .................. $300^{\circ} \pm 5^{\circ}$
Rotational Torque .......... 30 to $100 \mathrm{~g}-\mathrm{cm}$
Stop Strength.............. $5 \mathrm{~kg}-\mathrm{cm}$ min.
Rotational Life................. 15,000 cycles
Switch Life .............................. DPDT
Switch Type ............................. $4.3 \pm 0.2 \mathrm{~mm}$ (. $169 \pm .008 \mathrm{in}$.

Soldering Condition
Manual/Wave
......... $260^{\circ} \mathrm{C}$ max. for 3 seconds max.
Wash. $\qquad$ Not recommended
Hardware $\qquad$ Two flat washers and two mounting nuts supplied per potentiometer

## Derating Curve



## Standard Resistance Table

| Resistance <br> (Ohms) | Resistance <br> 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 |

WARNING
Cancer and Reproductive Harm
www.P65Warnings.ca.gov

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.
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## Product Dimensions

PDB183-GTR03,

## PDB183-GTR04



PDB183-GTR05


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

## Product Dimensions

PDB183-GTR11, PDB183-GTR13


Product Dimensions
PDB183-GTR21,
PDB183-GTR22


Product Dimensions
PDB183-GTR31,
PDB183-GTR32


## Tapers



## Typical Part Marking



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

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