

Features

- Carbon element
- Plain or knurled shaft option
- Metal bushing
- Metal shaft
- Rear solder lugs
- Audio or linear taper options
- Variety of resistance values



- Detent at "no-load" position
- RoHS compliant*

PDB241-GNL Series - "No-Load" Guitar Potentiometer

Electrical Characteristics

Taper......Audio, linear Standard Resistance 10K to 1M ohms Standard Resistance Tolerance......±20 %

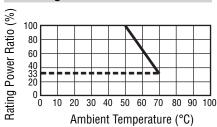
Environmental Characteristics

Operating Temperature

Mechanical Characteristics

per potentiometer

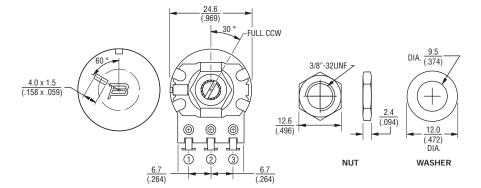
Derating Curve

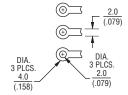


Standard Resistance Table

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

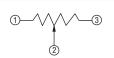
Product Dimensions (.480)(.748) (.039) (.480) (1.083)(.039) $\frac{6.00}{(.236)}$ DIA. 9.5 (.374)(.748)(.236)DIA. 18 TEETH KNURLED 24.6 24.6 18 TEETH (.969)(969)SHAFT (LONG) KNURLED SHAFT DIA DIA 6.0 6.0 (.236)(.236)3/8"-32UNF 3/8"-32UNF $\frac{6.35}{(.250)}$ DIA. PLAIN SHAFT (LONG) 0.5 SHAFT (.020) (.020) (.250)





$$\label{eq:UNDER} \begin{array}{c} \text{TOLERANCES:} \\ \text{UNDER} \, \frac{10.0}{(.394)} = \frac{\pm 0.3}{(\pm .012)} \qquad \frac{10.0 \sim 100}{(.394 \sim 3.937)} = \frac{\pm 0.5}{(\pm .020)} \end{array}$$

Circuit





01 = Knurled Shaft (18-Tooth) / Solder Lugs

02 = Plain Shaft / Solder Lugs

03 = Knurled Shaft (18-Tooth, Long) / Solder Lugs

04 = Plain Shaft (Long) / Solder Lugs 11 = Knurled Shaft (24-Tooth) / Solder Lugs

13 = Knurled Shaft (24-Tooth, Long) / Solder Lugs



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.

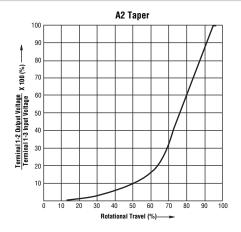
Users should verify actual device performance in their specific applications.

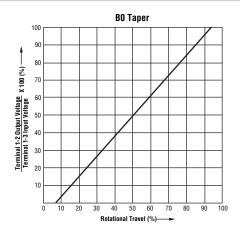
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PDB241-GNL Series - "No-Load" Guitar Potentiometer

BOURNS

Taper Chart





Inquire for availability of other tapers.

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Users should verify actual device performance in their specific applications.

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