

Features

- Standard or high torque option
- Long life carbon element
- Plain or knurled shaft option
- Brass bushing
- Metal shaft
- Audio or linear taper options
- Variety of resistance values





PDA24 - 24 mm Long Life Potentiometer

Electrical Characteristics

Taper......Audio, linear Standard Resistancefrom 10K to 1M ohms Standard Resistance Tolerance....±15 %

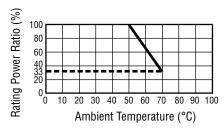
Environmental Characteristics

Linear Taper500 V Audio Taper250 V Rotational Noise100 mV max.

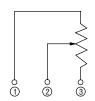
Mechanical Characteristics

HardwareOne flat washer and mounting nut supplied per potentiometer with bushing

Derating Curve

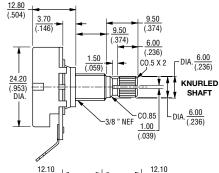


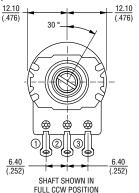
Circuit

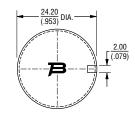


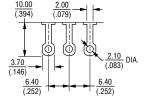
Product Dimensions

PDA241-xxx00, PDA241-xxx01





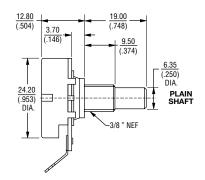


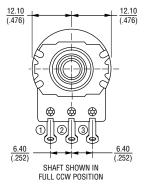


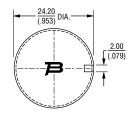
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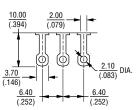
DIMENSIONS: $\frac{MM}{(INCHES)}$

PDA241-xxx02









 $\label{eq:under} \text{UNDER} \frac{10.0}{(.394)} = \frac{\pm 0.3}{(\pm .012)} \qquad \frac{10.0 \sim 100}{(.394 \sim 3.937)} = \frac{\pm 0.5}{(\pm .024)}$

Users should verify actual device performance in their specific applications.

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^{*}RoHS Directive 2015/863, Mar 31, 2015 and Annex. Specifications are subject to change without notice.

Additional Features

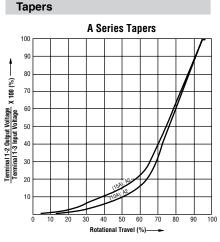
- Long life
- Long solder lugs
- ±15 % resistance tolerance
- Anti-rotation pins
- RoHS compliant*

Applications

- Electric guitars
- Bass guitars
- Guitar amplifiers

PDA24 - 24 mm Long Life Potentiometer

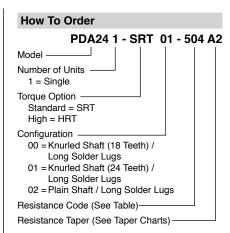
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| Terminal 1-2 Output Voltage Terminal 1-3 Input Voltage X 100 (%) — | 70 | | | | | | | / | _ | | 4 | _ |
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) 40 50 60 Rotational Travel (%)-

| 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 | | | | | |



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