**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
  - from 10K to 1M ohms
- **Standard Resistance**
  - ±15%

**Environmental Characteristics**
- **Operating Temperature**
  - -10 °C to +70 °C
- **Power Rating**
  - Linear Taper: 0.5 watt
  - Audio Taper: 0.25 watt
  - Maximum Operating Voltage
    - Linear: 500 V
    - Audio: 250 V
  - **Rotational Noise**
    - 100 mV max.

**Mechanical Characteristics**
- **Mechanical Angle**
  - 300° ±5°
- **Rotational Torque**
  - Standard: 20 to 40 g-cm
  - High: 70 to 100 g-cm
  - Stop Strength: 7 kg-cm min.
  - **Rotational Life**
    - 200,000 shaft revolutions
- **Soldering Condition**
  - Manual Soldering: 300 °C within 3 seconds
  - Wave Soldering: 260 °C within 5 seconds
- **Hardware**
  - One flat washer and mounting nut supplied per potentiometer with bushing

**Product Dimensions**

<table>
<thead>
<tr>
<th>Dimensions:</th>
<th>MM</th>
<th>INCHES</th>
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<tbody>
<tr>
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<tr>
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<td>(504)</td>
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<tr>
<td>3/8” NEF</td>
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</table>

**Specifications are subject to change without notice.**

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.

For more information about this product, visit our website at: [www.potentiometers.com](http://www.potentiometers.com)