**Features**
- Long life carbon element
- Plain or slotted shaft option
- Anti-rotation pin
- Metal shaft
- Audio or linear taper options
- Variety of resistance values
- RoHS compliant*  

**Applications**
- Medical diagnostic equipment**
- Test and measurement equipment
- Avionics controls
- Communications equipment
- Medical laboratory equipment**

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**Electrical Characteristics**
- **Taper**
  - Audio, linear  
- **Standard Resistance**
  - 1K to 1M ohms  
- **Standard Resistance Tolerance**
  - ±10%  
- **Linearity**
  - ±3%  

**Environmental Characteristics**
- **Operating Temperature**
  - -10 °C to +85 °C  
- **Power Rating**
  - Linear Taper: 0.5 watt  
  - Audio Taper: 0.25 watt  
- **Maximum Operating Voltage**
  - Linear and Audio Taper: 200 VDC  
- **Sliding Noise**
  - Linear: 100 mV max.  
  - Other Tapers: 200 mV max.  
- **IP Rating**
  - **ESD Classification (HBM)**
  - N/A  
  **Moisture Sensitivity Level**
  - IP40**  
  **Soldering Condition**
  - Manual Soldering
    - 350 °C ± 10 °C for 3.5 ± 0.5 sec.  
- **Recommended Pad Layout**
- **Shaft Types**
  - **F-Type**
  - **S-Type**

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**Product Dimensions**

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**WARNING** Cancer and Reproductive Harm

www.P65Warnings.ca.gov


** Excluding FDA Class III devices and generally equivalent classification outside of the United States.

Specifications are subject to change without notice. Users should verify actual device performance in their specific applications.

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PDF24 - 24 mm Long Life Potentiometer

Tapers

A Series Tapers

B0 Taper

Standard Resistance Table

<table>
<thead>
<tr>
<th>Resistance (Ohms)</th>
<th>Resistance Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,000</td>
<td>102</td>
</tr>
<tr>
<td>2,000</td>
<td>202</td>
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<td>105</td>
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</tbody>
</table>

How To Order

PDF24 1 - S 4 20 F - 103 B0

Model
Number of Units
1 = Single
Orientation
S = Solder Lugs
Down Facing
Detents
4 = No Detents
Shaft Length (FMS)
20 = 20 mm
25 = 25 mm
30 = 30 mm
35 = 35 mm
40 = 40 mm*
Shaft Type
F = Flatted Shaft
S = Slotted Shaft
Resistance Code (See Table)
Resistance Taper (See Taper Charts)
* Available in slotted shaft style only.

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Users should verify actual device performance in their specific applications.
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