Features

- 3/4" Rectangular / Multiturn
- Cermet / Industrial / Sealed
- Low PC board profile - only 1/4" high
- Panel mount option available, (see page 65 for details)

Transparent housing available, can be set visually without hook-up and instrumentation ("P" style only)

3006 - Trimpot® Trimming Potentiometer

Electronic Characteristics

- Standard Resistance Range: 10 to 5 megohms (see standard resistance table)
- Resistance Tolerance: ±10% std. (tighter tolerance available)
- Absolute Minimum Resistance: 1.0% or 2 ohms max. (whichever is greater)
- Contact Resistance Variation: 1.0% or 1 ohm max. (whichever is greater)

Adjustability

- Voltage: ±0.01%
- Resistance: ±0.05%
- Resolution: Infinite

Insulation Resistance: 500 vdc. 1,000 megohms min.

Environmental Characteristics

- Power Rating (400 volts max.): 70°C 0.75 watt, 125°C 0 watt
- Temperature Range: -55°C to +125°C
- Temperature Coefficient: ±100ppm/°C
- Humidity: MIL-STD-202 Method 103 96 hours (3% ∆TR, 20 Megohms IR)
- Vibration: 20G (2% ∆TR; 2% ∆VR)
- Shock: 50G (2% ∆TR; 2% ∆VR)
- Load Life: 1,000 hours 0.75 watt 70°C (4% ∆TR)
- Rotational Life: 200 cycles (3% ∆TR; 1% or 1 ohm, whichever is greater, CRV)

Physical Characteristics

- Torque: 5.0 oz-in. max.
- Mechanical Stops: Wiper idles
- Terminals: Solderable pins
- Weight: 0.04 oz.
- Marking: Manufacturer's trademark, resistance code, terminal numbers, date code, manufacturer's model number and style
- Wiper Positioning: 50% nominal
- Flammability: U.L. 94V-0
- Standard Packaging: 25 pcs. per tube
- Adjustment Tool: H-90

How To Order

Model
3006 P - 1 - 103 Z

Style

Standard or Modified
-1 = Standard Product
-7 = Transparent Housing

Resistance Code

Optional Suffix Letter
Z = Panel Mount (Factory Installed)

Consult factory for other available options.

Standard Resistance Table

<table>
<thead>
<tr>
<th>Resistance (Ohms)</th>
<th>Resistance Code</th>
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<tbody>
<tr>
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<tr>
<td>20</td>
<td>200</td>
</tr>
<tr>
<td>50</td>
<td>500</td>
</tr>
<tr>
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<tr>
<td>2,000,000</td>
<td>205</td>
</tr>
</tbody>
</table>

Popular values listed in boldface. Special resistances available.

SHADEd AREAS TYPICALLY NOT STOCKED BY DISTRIBUTORS AND NOT RECOMMENDED FOR NEW DESIGNS.

AVAILABLE THROUGH DISTRIBUTION

DIMENSIONS ARE: METRIC (INCHES)

TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED

Specifications are subject to change without notice.