## Features
- Single Turn / Cermet / Industrial / Sealed
- Available on tape and reel
- Available with a knob for finger adjust
- Available with extended shaft
- Available with cross-slot rotor
- Top and side adjust types (F, P, H, W, X most popular)
- RoHS compliant* version available
- For trimmer applications/processing guidelines, click here

### 3386 - 3/8” Square Trimpot® Trimming Potentiometer

#### Electrical Characteristics
- Standard Resistance Range: 10 ohms to 2 megoohms (see standard resistance table)
- Resistance Tolerance: ±10% std. (tighter tolerance available)
- Absolute Minimum Resistance: 2 ohms max.
- Contact Resistance Variation: 2% or 3 ohms max. (whichever is greater)
- Adjustability:
  - Voltage Divider: ±0.05%
  - Rheostat: ±0.15%
- Resolution: Infinite
- Insulation Resistance: 500 vdc, 1,000 megohms min.
- Dielectric Strength: 1,000 megohms min.
- Vibration: 50 G (1% ΔVR)
- Shock: 100 G (1% ΔVR)
- Load Life: 1,000 hours @ 50% (3% ΔVR)
- Rotational Life: 200 cycles (4% ΔTR, 1% ΔVR)

#### Environmental Characteristics
- Power Rating (300 volts max.):
  - 85 °C: 0.5 watt
  - 125 °C: 0 watt
- Temperature Range: -55 °C to +125 °C
- Temperature Coefficient: ±100 ppm/°C
- Humidity: MIL-STD-202 Method 103
- Temperature Coeffi cient: ±100 ppm/°C
- Temperature Range: -55 °C to +125 °C

### Physical Characteristics
- Mechanical Angle: 310° nom.
- Torque: 0.05 oz-in. max.
- Stop Strength: 15.0 oz-in. min.
- Terminals: Solderable pins
- Weight: 0.03 oz.
- Marking: Manufacturer’s trademark, resistance code, wiring diagram, date code, manufacturer’s model number and style
- Flammability: U.L. 94V-0
- Standard Packaging: 50 pcs. per tube
- Wiper: 50% (Actual TR) ±10% Adjustment Tool: Manufacturer’s H-90

†“Fluorinert” is a registered trademark of 3M Co.
Specifications subject to change without notice.

Users should verify actual device performance in their specific applications.

### How To Order

<table>
<thead>
<tr>
<th>Model</th>
<th>Style</th>
<th>Terminals</th>
<th>Packaging Designator</th>
<th>Optional Suffix Letter</th>
</tr>
</thead>
<tbody>
<tr>
<td>3386P</td>
<td>1 - 103</td>
<td>T</td>
<td>LF</td>
<td><strong>Knob option is available only in standard tube packaging. Not recommended for reed load applications. Consult factory for other available options.</strong></td>
</tr>
</tbody>
</table>
Product Dimensions

Common Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>ADJ. SLOT</th>
<th>WIDE</th>
<th>DEEP</th>
<th>LONG</th>
<th>MIN.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3386U</td>
<td>2.54 (.100)</td>
<td>2.54 (.100)</td>
<td>4.78 ± .38 (.188 ± .015)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3386V</td>
<td>2.54 (.100)</td>
<td>5.64 (.222)</td>
<td>2.54 (.100)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3386Y</td>
<td>2.54 (.100)</td>
<td>3.05 ± .38 (.120 ± .015)</td>
<td>5.98 (.200)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Common Dimensions
Top Adjust Models M,T

<table>
<thead>
<tr>
<th>Model</th>
<th>ADJ. SLOT</th>
<th>WIDE</th>
<th>DEEP</th>
<th>LONG</th>
<th>MIN.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3386M</td>
<td>2.54 (.100)</td>
<td>3.81 (.150)</td>
<td>3.81 (.150)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The Model 3386 is available with a knob for finger adjustment. Add suffix letter “T” to order code for F, P and X terminal styles.

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.
Packaging Specifications

SIDE ADJUST
3386W-1

TOP ADJUST
3386U-1

Meets EIA Specification 468.

REV. 04/14

"Trimpot" is a registered trademark of Bourns, Inc.
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